[redacted]

P-W

R. B. MONCRIEF #1 STATE 222
SE SE 17-21S-23E COCHISE CO.

COUNTY Cochise AREA 8 mi SE/Tombstone LEASE NO. State 3953

WELL NAME R. B. Moncrief #1 State

LOCATION SE SE SEC 17 TWP 21S RANGE 23E FOOTAGE 770' FSL 550' FEL

ELEV 4755' per plat GR _____ KB SPUD DATE 12-26-62 STATUS _____ COMP. DATE 2-7-63 TOTAL DEPTH 2446' welex 2412'

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH
10 3/4	220'	circulated	NA

DRILLED BY ROTARY x

DRILLED BY CABLE TOOL _____

PRODUCTIVE RESERVOIR _____

INITIAL PRODUCTION P&A

FORMATION TOPS	DEPTHS	SOURCE L.L.	SOURCE E.L.	REMARKS

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS
Simco Formation Log	NA	NA
Radioactive Tracer		

SAMPLE LOG Simco

SAMPLE DESCRP. _____

SAMPLE NO. 702*

CORE ANALYSIS _____

DSTs _____

*Tucson 1654

REMARKS Los circulation - no samples below 2428'. Started Simco logging @ 840' - no returns to 892'. SEE SAMPLE DESCRIPTION FROM ~~SIMCO FOR TWO TRACER FLOW SURVEYS WITH GR CURVE.~~

APP. TO PLUG x

PLUGGING REP. x

COMP. REPORT x

WATER WELL ACCEPTED BY _____

BOND CO. General Insurance Co. of America BOND NO. 480597

BOND AMT. $ 2,500 CANCELLED 8-21-63 DATE ORGANIZATION REPORT 8-30-62

FILING RECEIPT 9326 LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. _____ DATE ISSUED 12-26-62 DEDICATION E/2 SE/4

PERMIT NUMBER 222

(over)

ARIZONA
COCHISE CO.
GOVERNMENT DRAW AREA (W)

PETROLEUM INFORMATION
DENVER CASPER
ROCKY MOUNTAIN
OIL INFORMATION

Twp 21s-23e
Section 17
se se
770 n/s 550 w/e

OPR: R.B. Moncrief WELL #: 1 State

ELEV: 4764 DF

TOPS: ~~Log-Semolc~~
Tertiary surface to TD.

DSTS. & CORES:
Lost circ @ 2446, unable to regain. No cores or tests.

SPUD: 12-24-62 COMPL: 2-7-63
TD: 2446 PB:
CSG: 10-3/4" @ 221 w/180

PERF:

PROD. ZONE:

INIT. PROD: D & A

Contr: Great Western

ARIZ2-369120

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well [x] Work-Over [ ] Deepen [ ] Plug Back [ ] Same Reservoir [ ] Different Reservoir [ ] Oil [ ] Gas [ ] Dry [x]

DESCRIPTION OF WELL AND LEASE

Operator	Address
R. B. Moncrief	W. T. Waggoner Bldg., Ft. Worth, Texas

Lease Name	Well Number	Field & Reservoir
State (No. 3953)	1	Wildcat

Location: 8 miles southeast of Tombstone, Arizona

Sec.—TWP-Range or Block & Survey: Sec. 17; T:21S; R:23E;G&SRB&M

County	Permit number	Date issued	Previous permit number	Date Issued
Cochise	222	12/26/62	---------	---------

Date spudded	Date total depth reached	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) feet	Elevation of casing hd. flange feet
12/26/62	1/17/63			

Total depth	P.B.T.D.	Single, dual or triple completion?	If this is a dual or triple completion, furnish separate report for each completion.
2,446'			

Producing interval (s) for this completion	Rotary tools used (interval)	Cable tools used (interval)
None	0-2446'	

Was this well directionally drilled?	Was directional survey made?	Was copy of directional survey filed?	Date filed

Type of electrical or other logs run (check logs filed with the commission): Gamma Ray and 2 Tracer Logs — Date filed: Feb. 7, 1963

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	13"	10-3/4"	20#	220'	Circulated	None

TUBING RECORD

Size in.	Depth set ft.	Packer set at ft.

LINER RECORD

Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Am't. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production: None — Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)

Tubing pressure	Casing pressure	Cal'ted rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas—oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Agent of the R. B. Moncrief (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

February 7, 1963
Date

W. W. Wiley, Jr.
Signature

RECEIVED FEB 10 1963 STATE O & G CONS. COMM.

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
File two copies
Form No. P-7

[redacted]

222

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
			ATTACHED HERETO:
			SAMPLE DESCRIPTION FROM SIMCO
			COPY OF TWO (2) TRACER FLOW SURVEYS
			WITH GAMMA RAY CURVES

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptablbe log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. P-7

PLUGGING RECORD

Operator: R. B. Moncrief		Address: W. T. Waggoner Bldg., Ft. Worth, Texas	
Name of Lease: State (No. 3953)	Well No.: 1	Field & Reservoir: Wildcat	
Location of Well: 8 miles southeast of Tombstone, Arizona	Sur:G&SRB&M Sec-Twp-Rge or Block & Survey: Sec. 17;T:21S;R:23E		County: Cochise

Application to drill this well was filed in name of: R. B. Moncrief	Has this well ever produced oil or gas: No	Character of well at completion (initial production): Oil (bbls/day)	Gas (MCF/day)	Dry? DRY
Date plugged: February 7, 1963	Total depth: 2,446	Amount well producing when plugged: Oil (bbls/day)	Gas (MCF/day)	Water (bbls./day)

Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used Indicate zones squeeze cemented, giving amount cement.
NONE			

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes
10-3/4"	220'		220'		

Was well filled with mud-laden fluid, according to regulations? Yes-but fluid level standing 618'

Indicate deepest formation containing fresh water. None

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
R. B. Moncrief	W. T. Waggoner Bldg., Ft. Worth, Texas	North, east, south and west.

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

Use reverse side for additional detail
File this form in duplicate with the State of Arizona Oil & Gas Conservation Commission

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Agent of the R. B. Moncrief and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

RECEIVED FEB 10 1963 STATE O & G CONS. COMM.

February 7, 1963
Date

Signature W. W. Wiley, Jr.

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

Form No. P-15 Plugging Record File two copies

222

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat

OPERATOR R. B. Moncrief ADDRESS 1417 W. T. Waggoner Building Fort Worth, Texas

LEASE State WELL NO. 1 COUNTY Cochise

SURVEY G&SRB&M SECTION 17 DRILLING PERMIT NO. 222

LOCATION 770' from south line, 550' from east line - Section 17, Township 21 South, Range 23 East.

TYPE OF WELL Dry hole (Oil, Gas or Dry Hole) TOTAL DEPTH 2446'

ALLOWABLE (If Assigned)

LAST PRODUCTION TEST OIL (Bbls.) WATER (Bbls.)

GAS (MCF) DATE OF TEST

PRODUCING HORIZON None PRODUCING FROM TO

1. COMPLETE CASING RECORD.

220' of 10-3/4" surface casing

2. FULL DETAILS OF PROPOSED PLAN OF WORK

Fill top of surface casing with five (5) sacks of cement.

Weld 1/2" steel plate on top of surface casing -

Weld 4" pipe onto surface casing where it will extend 4" above ground level-

Letter plate on top of 4" pipe with operator's name, well name, and location of well.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? . If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS As soon as permit is granted.

NAME OF PERSON DOING WORK Great Western Drilling Company ADDRESS Midland, Texas

CORRESPONDENCE SHOULD BE SENT TO R. B. Moncrief

NAME W. W. Wiley, Jr.

TITLE General Manager

Date Approved

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

RECEIVED FEB 10 1953 STATE O & G CONS. COMM.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
Form No. 15A File 2 Copies

[redacted]

22 Form 15A

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR: R. B. Moncrief — DATE: December 17, 1962

Address: 1417 W. T. Waggoner Building — City: Fort Worth 2 — State: Texas

DESCRIPTION OF WELL AND LEASE

Name of lease	Well number	Elevation (ground)
State (Lease No. 3953)	1	4755'

Well location (give footage from section lines): 770' from south line-550' from east line.

Section—township—range or block & survey: 17 T:21S; R:23E; G&SRB&M

Field & reservoir (If wildcat, so state)	County
Wildcat	Cochise

Distance, in miles, and direction from nearest town or post office: 8 Miles southeast from Tombstone, Arizona

Nearest distance from proposed location to property or lease line:	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:
550 feet	-0- feet

Proposed depth:	Rotary or cable tools	Approx. date work will start
4500'	Rotary	When permit is approved

Number of acres in lease:	Number of wells on lease, including this well, completed in or drilling to this reservoir:
640	-

If lease, purchased with one or more wells drilled, from whom purchased: Name — Address

Status of bond

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

* Fill in Proposed Casing Program on other side

OK John Bay

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Agent of the R. B. Moncrief et al. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

December 17, 1962
Date

W. W. Wiley, Jr.
Signature

Permit Number: 223
Approval Date: 12/26/62
Approved By: Emmett Vice Chm

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

See Instruction on Reverse Side of Form

223

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

Application to Drill, Deepen or Plug Back

Form No. P-1 File two copies

Effective Feb. 28, 1962.

INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown, also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

Do not confuse survey lines with lease-lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

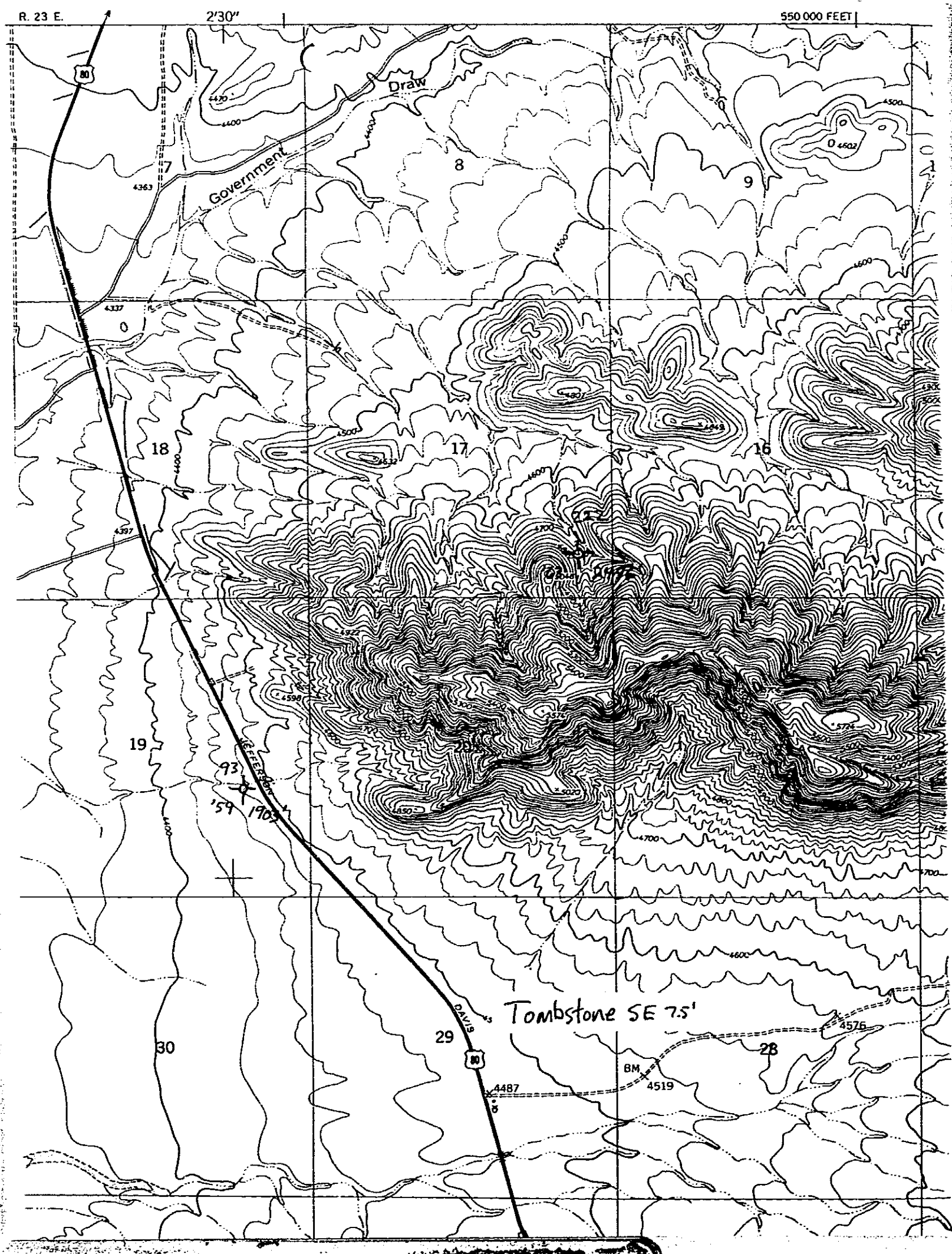
Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement

Form No. P-1

[redacted]


R. 23 E.
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4922
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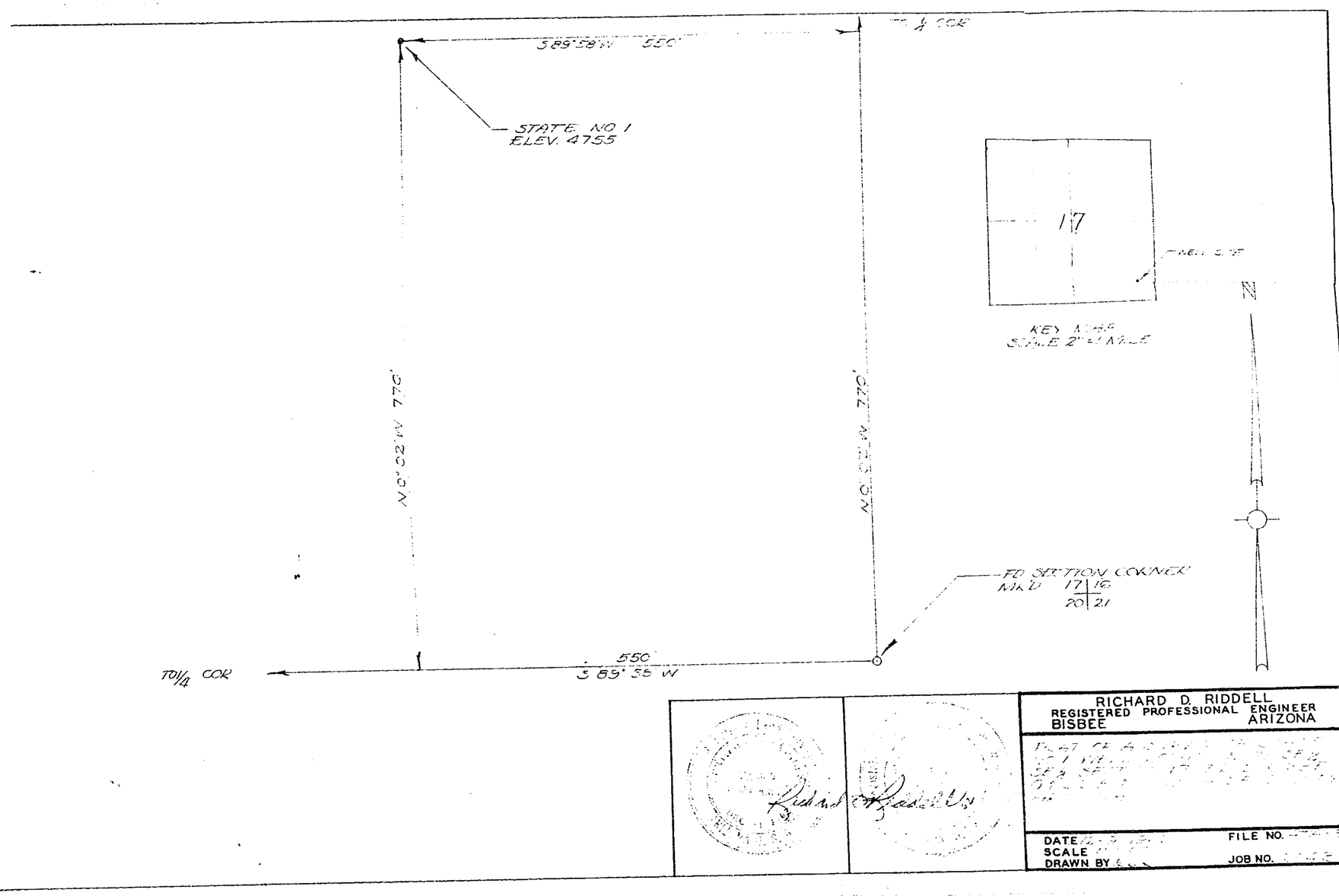
BM
Tombstone SE 7.5'



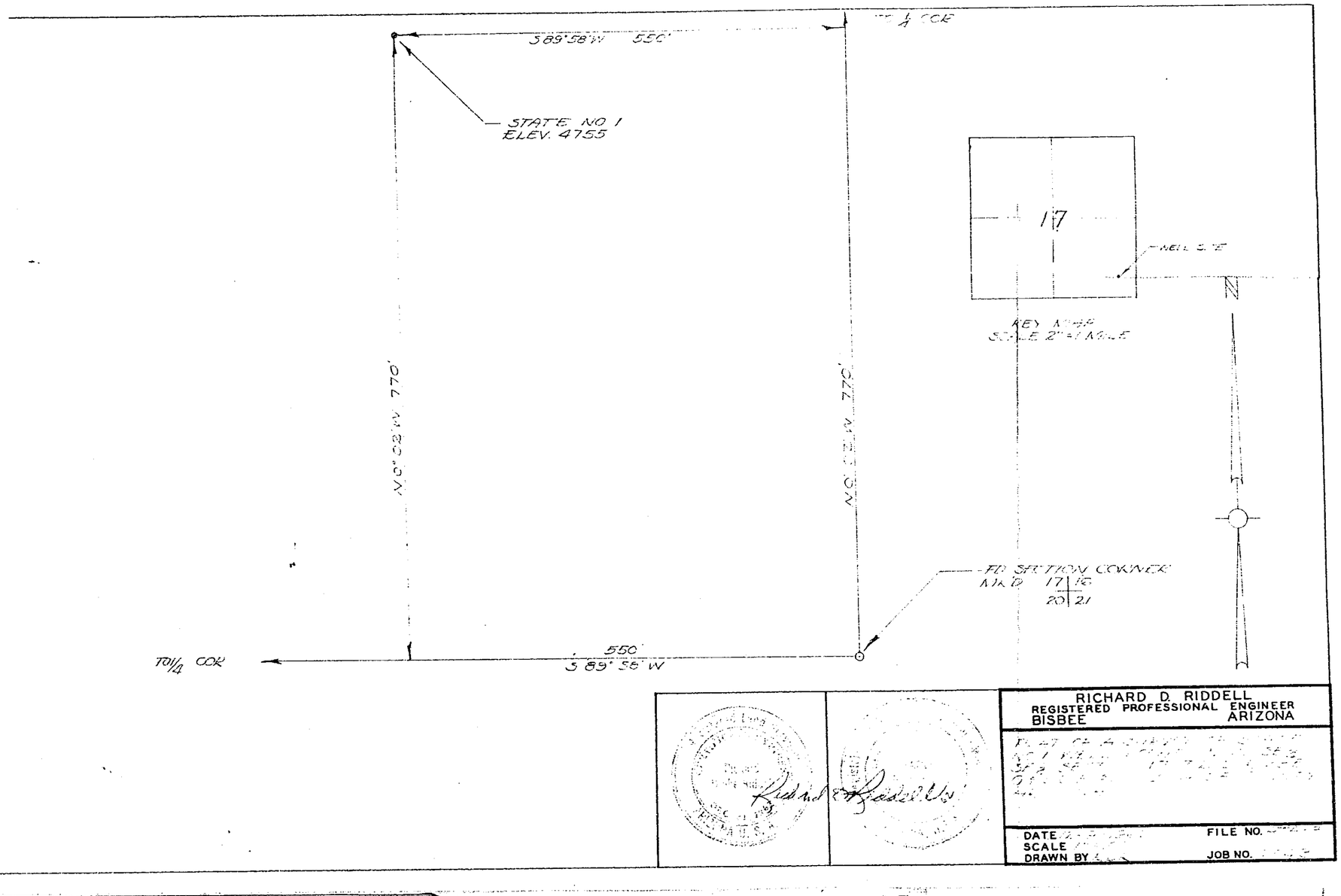
RICHARD D. RIDDELL
REGISTERED PROFESSIONAL ENGINEER
BISBEE ARIZONA

DATE
SCALE
DRAWN BY

FILE NO.
JOB NO.

Oil and Gas Conservation Commission
OFFICE OF
STATE OF ARIZONA

17-21S-23E COCHISE CO.



RICHARD D. RIDDELL
REGISTERED PROFESSIONAL ENGINEER
BISBEE ARIZONA

DATE
SCALE
DRAWN BY

FILE NO.
JOB NO.

Richard D. Riddell

OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA

STATE
17-21S-23E COCHISE CO.

OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

April 7, 1971

Sr. Arsenio Navarro Galindo
Petroleos Mexicanos
Box 2406
El Paso, Texas 79952

Dear Sir:

In appreciation for your cooperation regarding the wells your company is drilling in Chihuahua, Mr. John Bannister has requested I send you all reliable information we have on wells drilled in southeastern Arizona.

Under separate cover I am sending you a number of electric logs on some of these wells. They are shown on the enclosed list.

Transmitted herewith is information on some of the above wells and on other wells in Cochise and Santa Cruz counties. We are sending you the data on all known Paleozoic tests as well as other tests indicating the thicknesses of the Qaternary and Tertiary formations in the Intermontane valleys.

The enclosed data includes the following:

Cochise County

Fraser #1 State Section 19-T21S-R23E
Sample Log by Loren Buck

R. B. Moncrief #1 Davis-Clark Section 5-T21S-R24E
The Am-Strat sample tops on this well are as follows:

Cretaceous	0'
Permo-Pennsylvanian	1135'
Mississippian	2520'
Devonian	3026'
Cambrian	3510'
Total Depth	3525'

#222

Southwest Oil Company #1 Davis-Clark Section 5-T21S-R24E
Drill Stem Test #1
Sample Log
Letter report by Kenneth G. Smith (Continental Company). (We have no additional information as to how heavily oil cut the mud was in the drill stem test mentioned by Mr. Smith.)

Allen #1 Davis Section 25-T21S-R25E
The electric log of this well to a depth of 4947' sent under separate cover is of the original hole which was drilled to a total depth of 5450' ending in Tertiary (?) in 1953. In 1963 R. B. Moncrief set 9-5/8" casing at 385' and drilled a new hole to 4024' and made some tests.

Waddell-Duncan #1 Murray Section 5-T22S-R27E
Electric Log is included with this letter.
Tops: Loren Buck and Richard Hollingworth, both experienced geologists, have examined samples from this well. Their correlations differ slightly and a composite of them would be as follows:

Valley Fill	0'
Morita (shaley conglomerate)	560'
Naco	1610'
Mississippian	2305'
Devonian	3380'
Cambrian	3520'
Pre-Cambrian	3990'

Shows of gas and oil were reported from this well; and, casing was run and perforated at various levels but only 900' of water and 900' of mud was recovered.

Ari-Tex #1 Goins Section 4-T24S-R23E
No logs are available on this well but it is believed to have stopped in the Permian.

Thomson #2 State Section 2-T24S-R31E
This well is believed to have started and ended in the Naco group.

Santa Cruz County

R. L. Jones #1 Larimore Section 9-T20S-R16E
Halliburton Well Log is enclosed with this letter.

A relatively large number of wells drilled in Cochise County have reported shows of oil and gas including some of the wells for which we are sending you electric logs. We are unable at this time to determine which of these alleged

shows are authentic; although, apparently there have been some genuine shows of oil and gas in some wells.

Within a few days we expect to be able to send you a geologic report and maps of the Guadalupe Structure near the southeastern corner of Cochise County on which a deep test may be drilled this year. The proposed well will be located near the center of Section 2-T24S-R31E.

We trust the data we are sending you will prove of some value to you. We will be happy to answer any questions you may have regarding these wells.

Sincerely,

Edward A. Koester
Staff Geologist

EAK:jd
Enc.

LIST OF DATA SENT TO SR. ARSENIO NAVARRO GALINDO

IN MAILING TUBE

Waddell-Duncan #1 McComb Section 23-T13S-R24E

Lane Wells Log
Electric Log

Arizona Oil & Gas #1 State Section 36-T14S-R30E

Micro-Log

R. B. Moncrief #1 State Section 17-T21S-R23E

Welex Tracer Logs #1 and #2
Simco Formation Log

Fraser #1 State Section 19-T21S-R23E

Radio Log

R. B. Moncrief #1 Davis-Clark Section 5-T21S-R24E

Induction Electric Log

Southwest Oil Company #1 Davis-Clark Section 5-T21S-R24E

Electric Log

Allen #1 Davis Section 25-T21S-R25E

Electric Log

222

KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 480597

That we: R. B. MONCRIEF of the County of: Tarrant in the State of: Texas as principal, and GENERAL INSURANCE COMPANY OF AMERICA of Seattle, Washington AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona, as Surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of theUnited States, for which payment well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

640 Acres in Section 17, Township 21 South, Range 23 East, Cochise County, Arizona
(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quanties, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of Two Thousand Five Hundred and No/100 - - - - - - - - -Dollars ($2,500.00)

Witness our hands and seals, this 17th day of December, 1962

CANCELLED

R. B. Moncrief

By R. B. Moncrief
Principal

DATE 2-1-63

Witness our hands and seals this 17th day of December, 1962

Countersigned:

Elliott Kitt
Resident Agent - State of Arizona

GENERAL INSURANCE COMPANY OF AMERICA

By Mary A. Ward
Mary A. Ward, Attorney-in-Fact Surety

(If the principal is a corporation, the bons should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved _____
Date

STATE OF ARIZONA
OIL AND GAS CONSERVATION COMMISSION

922.

cap-2-1-63

[redacted]

POWER OF ATTORNEY

GENERAL INSURANCE COMPANY OF AMERICA

Home Office

SEATTLE, WASHINGTON No. 1180

KNOW ALL MEN BY THESE PRESENTS: That the General Insurance Company of America

by ANTONY PANELLA Its Vice-President,

in pursuance of authority granted by Sections 3 and 4, Article V, of the By-Laws of said Company, a copy of which sections is hereto attached, does hereby nominate, constitute and appoint.

MARY A. WARD, Fort Worth, Texas

its true and lawful attorney-in-fact, to make, execute, seal and deliver for and on its behalf, and as its act and deed any and all bonds and undertakings, in its business of guaranteeing the fidelity of persons holding places of public or private trust and the performance of contracts other than insurance policies, and executing and guaranteeing bonds or other undertakings required or permitted in all actions or proceedings, or by law required or permitted.

All such bonds and undertakings as aforesaid to be signed on behalf of the General Insurance Company of America and the corporate seal of the Company affixed thereto by Mary A. Ward, individually.

And the execution of such bonds or undertakings in pursuance of these presents shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its Home Office, Seattle, Washington, in their own proper persons.

IN WITNESS WHEREOF, the said ANTONY PANELLA has hereunto subscribed his name and affixed the Corporate Seal of the said General Insurance Company of America this 4 day November 19 60.

(SEAL) (signed) Antony Panella
Vice-President

STATE OF WASHINGTON, } ss.
COUNTY OF KING, }

On this 4 day of November A.D. 19 60, before the subscriber, a Notary Public of the State of Washington, in and for the County of King, duly commissioned and qualified, came ANTONY PANELLA Vice-President of the General Insurance Company of America, to me personally known to be the individual and officer described in, and who executed, the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposeth and saith, that he is the officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and his signature as such officer was duly affixed and subscribed to the said instrument by the authority and direction of said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

(SEAL) (signed) Ida Dahl
Notary Public

Extracts from By-Laws of the General Insurance Company of America, adopted February 28, 1923, and amended April 27, 1950, by the Stockholders:

"Article V, Section 3.--POWERS AND DUTIES OF PRESIDENT:...He shall also have power and authority to designate individuals under appropriate titles who shall be authorized to execute on behalf of the Company fidelity and surety bonds and other documents of similar character issued by the Company in the course of its business and who may also have authority to attach the official seal of the Company to such fidelity and surety bonds and documents of like character issued by the Company in the course of its business."

"Article V, Section 4.--POWERS AND DUTIES OF VICE-PRESIDENTS:...In the absence of the President, the Vice-President, or if more than one Vice-President, the Vice-Presidents in the order of their election shall perform the duties of the President, subject to the direction of the Board of Directors. He shall also have power and authority to designate individuals under appropriate titles who shall be authorized to execute on behalf of the Company fidelity and surety bonds and other documents of a similar character issued by the Company in the course of its business and who may also have authority to attach the official seal of the Company to such fidelity and surety bonds and documents of like character issued by the Company in the course of its business."

I, ANTONY PANELLA Vice-President of the General Insurance Company of America, hereby certify that the foregoing is a true copy of Sections 3 and 4, Article V, of the By-Laws of said Company and is still in force.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name as Vice-President and affixed the Corporate Seal of the General Insurance Company of America, this 4 day of November A.D. 19 60.

(SEAL) (signed) Antony Panella
Vice-President

STATE OF WASHINGTON, } ss.
COUNTY OF KING, }

I, W. D. HAMMERSLA Assistant Secretary of the General Insurance Company of America, do hereby certify that the foregoing is a true copy of Sections 3 and 4, Article V, of the By-Laws of said Company, and is now in force; and I do hereby certify that the above and foregoing Power of Attorney is a true and correct copy of a Power of Attorney, executed by said General Insurance Company of America, which is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the City of Seattle, this 17th day of December, A.D. 19 62.

W. D. Hammersla
Assistant Secretary

222

S-634 R1 4/56 PRINTED IN U.S.A.

Power of Attorney

NO. _____

FROM

GENERAL
INSURANCE COMPANY
OF AMERICA
SEATTLE, WASHINGTON

TO

_____

_____

DATED _____

FILED _____

August 21, 1962

R. E. Moncrief
W.T. Waggoner Building
Fort Worth, Texas

Attention: Mr. W. F. Wiley, Jr.

Re: Bond Release on two Cochise County wells.

Gentlemen:

Re: R. E. Moncrief et al #1 W. J. Davis
Sec. 25, T21S-R26E Cochise County, Arizona

The rig is still on location on this well.

Until it is moved away I can't release the bonding company from the bond because some parts of the rig may damage the marker and then the cellar needs to be filled. Otherwise the plugging report and the marker satisfy Commission requirements for Bond Release. Please notify me as soon as the rig has been moved off location and likely I can inspect it very soon thereafter.

Re: R. E. Moncrief et al #1 State
Sec. 17, T21S-R23E, Cochise County

This well site was inspected and the plugging report studied. All Commission requirements for Bond Release have been complied with so the bond can be released.

Re: R. E. Moncrief et al #1 Davis Clark Fee
Sec. 5, T21S-R24E Cochise County

This well site has been inspected and the plugging report studied. The bond can be released since all Commission requirements for bond release have been complied with.

222

March 19, 1963

Mr. Wade Wiley, Jr.
R. B. Honarief
W. T. Waggoner Building
Fort Worth, Texas

Dear Mr. Wiley:

Thank you for your prompt response in sending the well data.

I was on the sites of your three wells in Cochise County about ten days ago and they have not been prepared properly for Bond release according to commission requirements.

The W. J. Davis wellsite, with the rig and equipment still on the site, could not be said to be cleaned up enough. The marker pipes on the wells were open ended at the top and I mentioned in a conversation to you and to Mr. Chenowith that they were to be closed. (A piece of scrap metal welded on top will be sufficient.) A cow's horn could easily be broken or hung in an open ended pipe.

The sites were not leveled off sufficiently, and all holes and pits must be filled up and firm.

The above is no chore. I am certain you will agree with everything mentioned. A bulldozer was at the Davis-Clark well site and no pits had been filled. No dirt had been leveled.

This is why you have not heard from the commission in regard to the Bond release.

Hoping you will drill some more wells in Arizona, I am

Sincerely,

John E. Petty
Petroleum Geologist

22-2

[redacted]

hoping you will drill again soon in Arizona where there are no productive
coals, and that wherever you drill, either here or elsewhere, that you
have most success.

Yours truly,

John E. Petty
Acting Executive Secretary

9.2.2

Oil Producer

Telephone EDison 2-7885

R. B. MONCRIEF
W. T. WAGGONER BUILDING
FORT WORTH, TEXAS

March 14, 1963

Oil & Gas Conservation Commission
State of Arizona
3500 N. Central - Suite 221
Phoenix 12, Arizona

Attention: Mr. John K. Petty

Gentlemen:

Re: R. B. Moncrief et al
Davis-Clark #1, State #1, W. J. Davis #1
Cochise County, Arizona

Enclosed with our letter, addressed to your attention, of February 7, 1963, were Application to Abandon & Plug Well, Plugging Record and Well Completion or Recompletion Report and Well Log forms, completed in duplicate, with regard to above reference wells.

To date we have not had a reply from your office. Would you please advise as to approximately how long it usually takes before these applications are fully processed.

Very truly yours,

(Mrs.) Clara Murry
Secretary to
R. B. Moncrief

:cm

Mr. Hughes

RECEIVED
MAR 18 1963
STATE O & G
CONS. COMM.
TUCSON, ARIZ.

922

Oil Producer

Telephone EDison 2-7085

R. B. MONCRIEF
W. T. WAGGONER BUILDING
FORT WORTH, TEXAS

February 12, 1963

Oil and Gas Conservation Commission
State of Arizona
1624 West Adams Street
Phoenix 7, Arizona

Attention: Mr. John K. Petty

Gentlemen:

Re: State #1, Sec. 17, T21S, R23E, Cochise County, Arizona

I am enclosing a final copy of our "Simco Log" on the above well.

I thought you might like to substitute this log for the field copy log, which was sent in with our plugging report.

Very truly yours,

W. W. Wiley, Jr.

WWWJr.:cm

Enclosure

RECEIVED
FEB 15 1963
STATE O & G
CONS. COMM.

772

Oil Producer

Telephone EDison 2-7085

R. B. MONCRIEF
W. T. WAGGONER BUILDING
FORT WORTH, TEXAS

Feb. 7, 1963

Oil and Gas Conservation Commission
State of Arizona
3500 N. Central - Suite 221
Phoenix 12, Arizona

Attention: Mr. John K. Petty

Gentlemen:

Re: Application to Abandon & Plug Well
Plugging Record
Well Completion or Recompletion
Report and Well Log

Enclosed herewith are applications and forms, as listed in above reference, duly completed in duplicate for wells as follows:

1. Davis-Clark #1-Cochise County, Arizona
Section 5, Township 21 South, Range 24 East.

212

2. State #1 - Cochise County, Arizona
Section 17, Township 21 South, Range 23 East.

222

3. W. J. Davis #1 - Cochise County, Arizona
Section 25, Township 21 South, Range 25 East.

224

If there is any further information you need, before these applications may receive your approval, please let me know.

Very truly yours,

W. W. Wiley, Jr.

WWWJr.:cm

Enclosures

RECEIVED
FEB 1963
STATE O & G
CONS. COMM.

210

January 2, 1963

R. B. Moncrief
1417 W. T. Waggoner Building
Fort Worth, Texas

Attention: Mr. W. B. Wiley, Jr.

Gentlemen:

Enclosed is your approved application for permit to drill the R. B. Moncrief State #1 - Sec. 17, T21S, R23E, Cochise County, Arizona together with the receipt for your $25.00 permit fee.

Yours very truly,

Helen M. Eremie
secretary

encs 2

Spud - 12-21-62

222

Oil Producer

Telephone EDison 2-7086

R. B. MONCRIEF
W. T. WAGGONER BUILDING
FORT WORTH, TEXAS

December 27, 1962

Oil and Gas Conservation Commission
State of Arizona
3500 N. Central-Suite 221
Phoenix 12, Arizona

Attention: Mr. John K. Petty

Gentlemen:

Re: Application for Permit to Drill the State #1
Sec. 17, T21S, R23E, Cochise County, Arizona

Thank you for your letter of December 21, 1962 acknowledging receipt of our application regarding above reference.

Enclosed herewith is Check No. 10302 covering permit fee to drill State #1.

Very truly yours,

Clara Murry

(Mrs.) Clara Murry
Secretary to
R. B. Moncrief

Enclosure

222

December 21, 1962'

To: Mr. R. Keith Walden, Chairman
From: John E. Petty, Petroleum Geologist
Subject: R. B. Moncrief et al #1 Davis Clark Fee
SW SW NE Sec 5 - T21S - R24E - Cochise County
S. E. Tombstone

This test was shut down December 19. No shows of Petroleum reported;however, its a tight hole.

The tool pusher said the total depth is 3525 in Cambrian Sand. They've moved the rig to Sec. 17 - T21S - R23E where they have to spud in by January 1. #222

The Mountain States Exploration #1-A State, Sec. 29 - T19S - R18E, Pima County is drilling ahead at 958 in Frosty White Sand. #219

December 21, 1962

Mr. W. W. Wiley, Jr.
R. B. MONCRIEF
W. T. Waggoner Building
Fort Worth, Texas

Re: Application for Permit to Drill the State #1
Sec. 17, T21S, R23E, Cochise County, Arizona

Dear Mr. Wiley:

Thank you for your application to drill the above test but you failed to enclose a check for $25.00 for the permit fee.

As soon as this check is received, we will have your application approved.

Merry Christmas and a Happy New Year.

Yours very truly,

John K. Petty
Petroleum Geologist

222

Oil Producer

Telephone EDison 2-7086

R. B. MONCRIEF
W. T. WAGGONER BUILDING
FORT WORTH, TEXAS

December 18, 1962

Oil & Gas Conservation Commission
State of Arizona
3500 North Central
Suite 221
Phoenix 12, Arizona

Attention: Mr. John K. Petty

Gentlemen:

Please find enclosed our application for "Permit To Drill" the State #1, located in Section 17, Township 21 South, Range 23 East in Cochise County, Arizona.

I am this date sending out our bond No. 480597, which has been issued by General Insurance Company of America, but has to be countersigned by their agent in Phoenix, Arizona. You should have this bond very shortly.

I would appreciate it if you would give this permit your earliest consideration.

Very truly yours,

R. B. MONCRIEF

By: W. W. Wiley, Jr.

WWWJr.:cm

Enclosures - Original & 1 cc "Permit To Drill Application"
2 Plats - Survey of State #1

122

November 29, 1962

TO: Mr. R. Keith Walden, Chairman
From: John K. Petty

Subject: R. B. Moncrief et al #1 Davis Clark Fee
NE/4 Sec. 20, T21S, R23E, Cochise County

Since the commission meeting November 28, 1962, there has been another development in regard to the above well about which I think you should be informed.

The operator and the drilling contractors, W. I. "Buttons" Durant of Phoenix and Buddy Reed of Farmington evidently had a disagreement. I knew Moncrief was not satisfied with the well progress.

The report is that Moncrief terminated the drilling contract and will move a larger rig in on the location around December 3. Durant and Reed will move their rig from the drill site.

The last drilling depth I have any reports on is around 2200 feet.

I believe Durant's work was satisfactory; consequently, I would say the difficulty arose between Reed and Moncrief.

I will visit the site and report new developments.

cc

Commissioners Lockhart, Kalil, Howard and Lewis

222?

R. B. MONCRIEF #1 STATE 222
SE SE 17-21S-23E COCHISE CO.

P-M

[redacted]

FORMATION LOGGING REPORT

FOR

R. B. MONCRIEF

NO. 1 STATE

COCHIESE COUNTY, ARIZONA

17-21s-23E

SIMCO

FORMATION LOGGING SERVICE

[redacted]

222

SIMCO
BOX 1577
MIDLAND, TEXAS

COMPANY R.B. MONCRIEF
WELL # 1 STATE
LOCATION COCHISE CO. ARIZ.
DATE 12-31-62 16

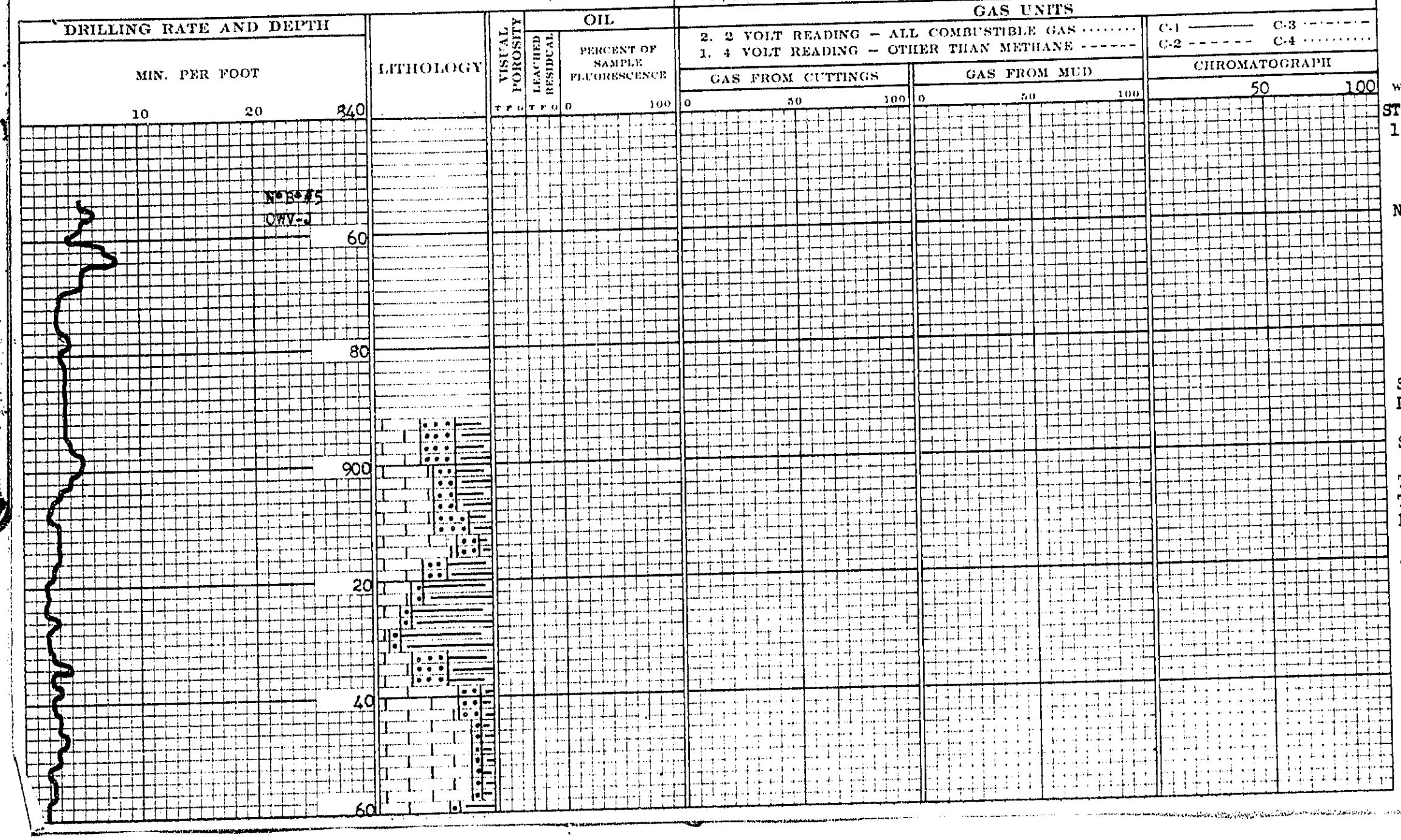
LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

- ANHYDRITE
- CHERT
- DOLOMITE
- LIMESTONE
- CONG.
- SAND
- SHALE
- OTHER

VISUAL POROSITY
- TRACE
- FAIR
- GOOD

222



REMARKS

WT - VIS - FL - CK - PH - SL

STARTED LOGGING 12:01AM
12/31/62

NO RETURNS

Epitaph

SS TN WH FN GRN CALC
LS TN PINK WH DNSE LITLO SDY
SH RD PINK SM CALC

TR PYR IN SDY LS
TR POTASH Anhydrite
LS TN WH XLN DNSE LITH SM SDY GRAN
SS TN PINK FN GRN CALC

SH RD GY SM SDY
LS TN GY LITHO SDY GRAN

SS TN FN GRN
LS TN WH XLN LITHO

LS WH TN XLN LITHO SDY

RECEIVED
JAN 3 1963
RECEIVED

SIMCO
BOX 1577
MIDLAND, TEXAS

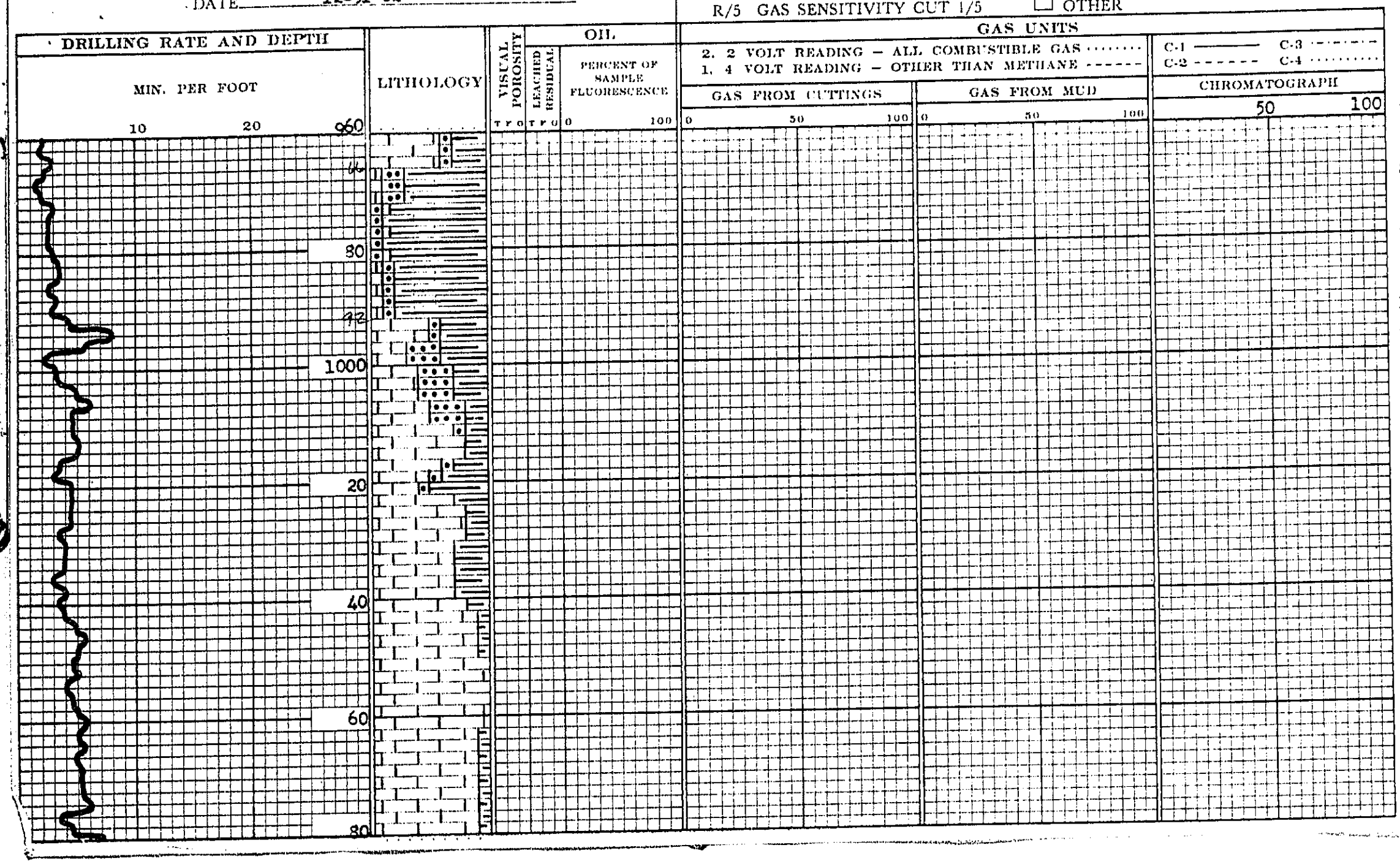
COMPANY R.B. MONCRIEF
WELL # 1 STATE
LOCATION COCHISE CO. ARIZ.
DATE 12-31-62

LEGEND

N.B. NEW BIT
N.R. NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD



REMARKS

WT · VIS · FL · CK · PH · SL

SH RD GY CALC

SH RD CALC

LS TN PINK LITHO
LOST CIR AT 1002'
SSGY FN GRN
SH RD CALC
LS TN PINK LITHO
SS GY FN GRN
LS TN PINK XLN SDY TR OOL
LS TN GY WH VFXLN TO FXLN DNSE W/TR FOSS

SH GY RD VRI-COL

INC IN PINK DNSE V/FXLN TOFXLN DNSE LS

LS WHISH TNISH GYISH & PINKISH DNSE V/FXLN TO FXLN W/SM FOSS

SH GN RDISH MARN

LITH SAME AS ABOVE

222

RECEIVED
JAN 3 1963
RECEIVED

SIMCO
BOX 1577
MIDLAND, TEXAS

COMPANY R.B. MONCRIEF
WELL # 1 STATE
LOCATION COCHISE CO., ARIZ.
DATE 1-1,2-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD

DRILLING RATE AND DEPTH — MIN. PER FOOT — 10 — 20

LITHOLOGY

VISUAL POROSITY — T F G

OIL — LEACHED RESIDUAL — T F G

PERCENT OF SAMPLE FLUORESCENCE — 0 — 100

GAS UNITS

2. 2 VOLT READING – ALL COMBUSTIBLE GAS .....
1. 4 VOLT READING – OTHER THAN METHANE ------

GAS FROM CUTTINGS — 0 — 50 — 100

GAS FROM MUD — 0 — 50 — 100

C-1 ——— C-3 -·-·-·-
C-2 - - - - - - C-4 .....

CHROMATOGRAPH — 50 — 100

1080
N.B.# 6
OSC-J
1100
20
S.H.S. 4°
N.B.# 7
OWW-J
40
60
70
80
92
1200

REMARKS

WT - VIS - FL - CK - PH - SL

LOSING MUD POOR SPLS
LOST CIRCULATION @ 1093'

POOR SPLS AFTER LOSING MD
AFTER TRIP

TRS GY & BN SS
SM PINKISH RED-GN & GY

LS WH LT TN TN GY DNSE V.
FXLN TO FXLN W/SM LS SLI
FOSS

TRS PINKISH & GY SS
SM GY V/FXLN HD DNSE LS

LOST CIRCULATION @ 1146'

LS GY-TN PNK FXLN

SH GY GY-BK CALC

SS RED & GY F/GRN
TRS GY SH W/SMALL LS PEBBL
IMBEDDED

LS WH TN GN FXLN DNSE POS
FRACS
SS GY-BN F. GRN

192

RECEIVED
JAN 7 1963
RECEIVED

SIMCO
BOX 1577
MIDLAND, TEXAS

COMPANY R.B. MONCRIEF
WELL # 1 STATE
LOCATION COCHISE CO., ARIZ.
DATE 1-3-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

☑ ANHYDRITE
◱ CHERT
▨ DOLOMITE
▤ LIMESTONE
▩ CONG.
▫ SAND
▭ SHALE
☐ OTHER

VISUAL POROSITY
☐ TRACE
☐☐ FAIR
☐☐☐ GOOD

DRILLING RATE AND DEPTH — MIN. PER FOOT — 10 — 20 — 1200

20
40
60
80
1300
20

LITHOLOGY

VISUAL POROSITY — T F G

OIL
LEACHED RESIDUAL — T F G
PERCENT OF SAMPLE FLUORESCENCE — 0 — 100

GAS UNITS
2. 2 VOLT READING — ALL COMBUSTIBLE GAS ·····
1. 4 VOLT READING — OTHER THAN METHANE - - - - -

GAS FROM CUTTINGS — 0 — 50 — 100
GAS FROM MUD — 0 — 50 — 100

C-1 ——— C-3 -·-·-·-
C-2 - - - - - - C-4 ·····
CHROMATOGRAPH — 50 — 100

REMARKS

WT - VIS - FL - CK - PH - SL

LS WH-BUFF FXLN DNSE
SH GY GN

SH GY GN RED
LS GY TN PNK BN DNSE XLN
W/SM LS SLI FOSS

SH GY GN
SS TN F. GRN
LS BUFF TN PNK FXLN

SH DK GY BK

LS GY-BN SLI MOTT SM BNRT
RED LS

CMT TN ORNGE-PNK SM TRANS
LUC
SH GY & GN
LS WH-TN-GY V/FXLN TO FXL
N DNSE W/SM CALCITE SM LS
W/TRS FOSS & TRS GY CMT
CMT BRNT ORNGE & GY
INC IN PNK FOSS LS
SH GY & GN
LS VARIED COLORED PNK TN
GY TN WH DNSE FXLN

RECEIVED
JAN 7 1963
RECEIVED

SIMCO
BOX 1577
MIDLAND TEXAS

COMPANY R.B. MONCRIEF
WELL # 1 STATE
LOCATION COCHISE CO., ARIZ.
DATE 1-4,5,6 - 63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD

DRILLING RATE AND DEPTH — MIN. PER FOOT — 10 20 1320

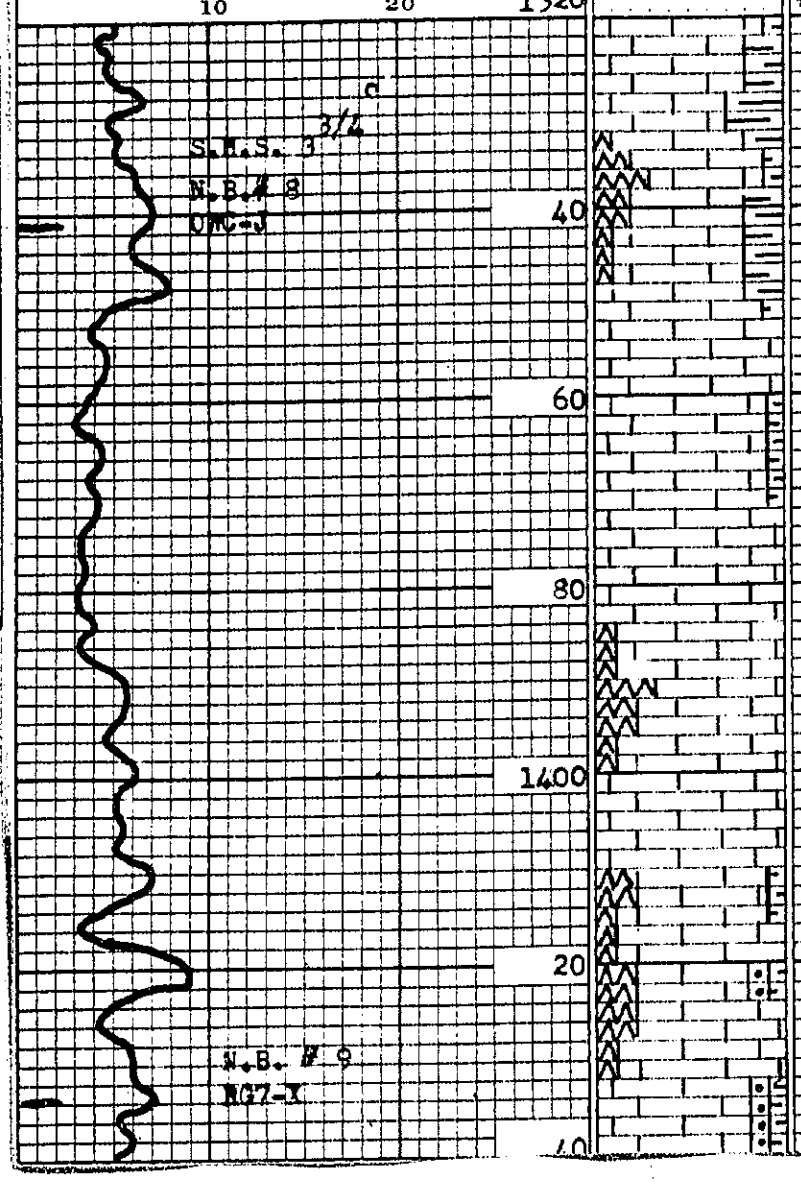
LITHOLOGY

VISUAL POROSITY — T F G

OIL — LEACHED RESIDUAL — T F G — PERCENT OF SAMPLE FLUORESCENCE — 0 100

GAS UNITS — 2. 2 VOLT READING – ALL COMBUSTIBLE GAS; 1. 4 VOLT READING – OTHER THAN METHANE — GAS FROM CUTTINGS — 0 50 100 — GAS FROM MUD — 0 50 100

C-1 C-3 C-2 C-4 — CHROMATOGRAPH — 50 100



REMARKS

WT · VIS · FL · CK · PH · SL
TRS LT GN V/F. GRN SS
SH GY & GN
LS GY-GN TO BN F.TO MXLN
CHT BRNT ORANGE GY-TN-BN
SMKY GY W/SM TRANSLUC
SM GN-GY LS SDY SLTY GRAN
ULAR
LS LT TN GY TO BN HD FXLN
DNSE SM SLI SILIC W/TR C
HTY LS
LS GNISH GY BN DOLOMITIC
SM SDY SLTY
LS BUFF BN PNK XLN SLI FO
SS
TR WH OPAQUE CHT

CHT WH-BN OPAQUE SLI LMY

CHT WH BN PNK
LS BUFF TN BN XLN DNSE SL
I FOSS
SM LS OOLITIC

CHT RED ORANGE WH VITREOU
S
LS BUFF BN PNK XLN SLI FO
SS

CHT WH BN RED ORNGE YELL
LS TN BN XLN ORNGE RED EA
RTHY
LOST CIRCULATION @ 1434'
SQUEEZED CEMENT

RECEIVED
JAN 8 1963
RECEIVED

SIMCO
BOX 1577
MIDLAND, TEXAS

COMPANY R.B. MONCRIEF
WELL # 1 STATE
LOCATION COCHISE CO., ARIZ.
DATE 1-6-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD

DRILLING RATE AND DEPTH
MIN. PER FOOT
10 20 1440
60
80
1500
20
40
60

LITHOLOGY

OIL
VISUAL POROSITY T F G
LEACHED RESIDUAL T F G
PERCENT OF SAMPLE FLUORESCENCE 0 100

GAS UNITS
2. 2 VOLT READING — ALL COMBUSTIBLE GAS .....
1. 4 VOLT READING — OTHER THAN METHANE ------
C-1 ——— C-3 -·-·-·-
C-2 - - - - - - C-4 .....

GAS FROM CUTTINGS 0 50 100
GAS FROM MUD 0 50 100
CHROMATOGRAPH 50 100

REMARKS

WT - VIS - FL - CK - PH - SL

SS WH-PNK F. GRN LMY
LS PNK BUFF BN XLN TR SLI FOSS LS TR WH CHLKY LS CHT TN PNK YEL-BN
LS RED TN BN XLN SLI FOSS SILIC & SM WH CHLKY LS

LS DK GNISH BN DNSE XLN SLTY DOLOMITIC SM V/DOLOMITIC
55

SS GY BN PNK F.GRN SLTY LMY CALC

SS PNK BN SLTY V/LMY

52

LS PNK RED SDY

SS PNK BN F. GRN LMY

LS PNK BN SM SDY SLTY W/ DOLOMITIC

9228

LS PNK TN BN FXLN DNSE W/SM LS SLTY DOLOMITIC

RECEIVED
JAN 8 1963
RECEIVED

SIMCO
BOX 1577
MIDLAND, TEXAS

COMPANY R.B. MONCRIEF
WELL # 1 STATE
LOCATION COCHISE CO., ARIZ.
DATE 1-7-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD

DRILLING RATE AND DEPTH — MIN. PER FOOT — 10 — 20 — 1560

S.H.S. 5 1/2
RE-RUN BIT # 9

80
1600
20
40
60
80

LITHOLOGY

OIL
VISUAL POROSITY — T F O
LEACHED RESIDUAL — T F O
PERCENT OF SAMPLE FLUORESCENCE — 0 — 100

GAS UNITS
2. 2 VOLT READING — ALL COMBUSTIBLE GAS .....
1. 4 VOLT READING — OTHER THAN METHANE ------
C-1 ——— C-3 -·-·-·-
C-2 - - - - - - C-4 .....

GAS FROM CUTTINGS — 0 — 50 — 100
GAS FROM MUD — 0 — 50 — 100
CHROMATOGRAPH — 50 — 100

REMARKS

WT - VIS - FL - CK - PH - SL

TRS PNK-TN CHT
LS TN-BN DNSE SILIC W/SM PNKISH SILIC SDY
BIT PLUGGED-TRIP TO UNPLUG BIT
TRS GN & RED SH & TR PNK F.GRN SS
LS PNK RED & BN W/CALCITE STRKS
SS PNK RED F. GRN WELL CONSOL CALC SM LMY
LS BN FXLN DNSE SILIC SM W/DOLOMITIC
VIS-51
LS PNK GY-GN TN-BN DNSE SILIC SM SLTY DOLOMITIC FXLN & SM DK BN CHTY SM SLI FOSS
LS IS MOSTLY PNK
LS PNK BRN SDY GRAN
SS PNK BRN F. GRN CALC

LS BRN SLTY PNK SDY GRAN
LS GRY BUFF TAN XLN SLTY FOSS OOLITIC
VIS-45
LS BRN BUFF PNK XLN SDY GRAN EARTHY
LS BLK GRY EARTHY XLN SHLY SLTY FOSS
LS GRY BRN SDY XLN GRAN

RECEIVED
JAN 10 1963
RECEIVED

SIMCO
BOX 1577
MIDLAND, TEXAS

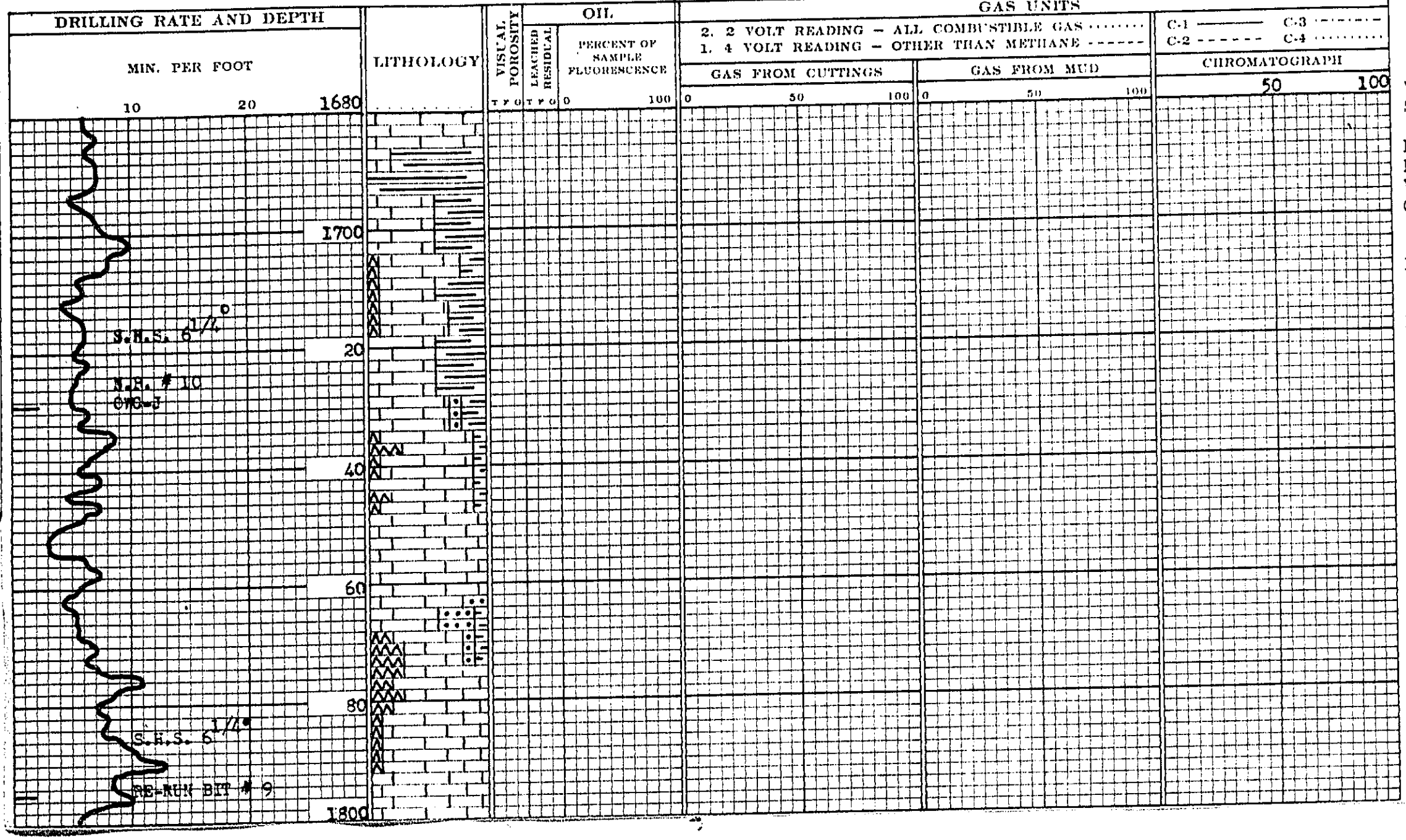
COMPANY R.B. MONCRIEF
WELL # 1 STATE
LOCATION COCHISE CO., ARIZ.
DATE 1-7,8-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD



REMARKS

WT - VIS - PL - CK - PH - SL
SH BK SLTY CALC

LS GY-BK SLTY SHLY
LS TN BN PNK CXLN FOSS
VIS 43
CHT BN VIT W/FOSS CRINOID/
STMS & LS BN TO PNK CXLN
V/FOSS & SM BN-BK CHT
LS BK XLN SLTY SHY
SM BN MUD BALLS
SM BK CALC & BN SLTY
LS BN-BK SHLY FOSS
SH GY-BN SLTY SDY CALC
SS BN DIRTY SLTY V/F. GRN
CALC LMY
CHT DK BN-BK DETRITAL
LS BN FXLN & GY-BN MOTT S
HLY SILIC W/TRS FOSS DNS
LS BN FOSS OOLITIC SM V/O
OLITIC MXLN VIS 48
CHT PNK & BN
LS WH CHLKY & WH LT TN BU
FF M TO CXLN W/CALCITE S
M V/FOSS OOLITIC
LS TN BN F TO MXLN DNSE
SM FOSS & SM CHTY
SS RED PNK F.GRN CALC
SH RED-BN
CHT WH MLKY LT TN GY W/SM
CHT SLI LMY
LS WH LT TN BUFF F TO MXL
N DNSE SM CHTY FOSS
CHT WH & BN
LS WH TN BN PNK-BN F TO M
XLN HD DNSE W/SM LS CHTY

SIMCO
BOX 1577
MIDLAND, TEXAS

COMPANY R.B. MONCRIEF
WELL STATE # 1
LOCATION COCHISE CO., ARIZ.
DATE 1-8,9-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD

DRILLING RATE AND DEPTH
MIN. PER FOOT
10 20 1800
20
40
60
80
1900
20

LITHOLOGY

VISUAL POROSITY
LEACHED RESIDUAL
T F G
OIL
PERCENT OF SAMPLE FLUORESCENCE
0 100

GAS UNITS
2. 2 VOLT READING — ALL COMBUSTIBLE GAS
1. 4 VOLT READING — OTHER THAN METHANE
C-1 C-3
C-2 C-4
GAS FROM CUTTINGS
0 50 100
GAS FROM MUD
0 50 100
CHROMATOGRAPH
50 100

REMARKS

WT - VIS - FL - CK - PR - SL
CHT TAN DK BRN VITREOUS
LS BUFF BRN XLN FOSS

LS DK BRN DK GY XLN FOSS
CHT TAN BRN VITREOUS

CHT DK BRN TO RDSH BRN

LS PNK GRAN SLTY SDY &
DK BRN-DK GY XLN SLTY
FOSS
LS PNK BUFF XLN EARTHY-
GRAN SDY
CHT TAN BRN ORANGE
LS BUFF TAN GOLD PNK XLN
GRAN FOSS
VIS-47
CHT DK BRN PNK VITREOUS
LS BRN FXLN-CXLN SLTY
FOSS & TR WH CHLKY LS
LS BN F TO CXLN SLI FOSS
SM PNK EARTHY
CHT DK BN VIT
TRS WH CHLKY LS
LS TN BN FXLN SLI OOLITIC
LS TN BN LT PNK FXLN SM E
ARTHY SLTY FOSS
LS DK BN FXLN & TR BUFF-P
NK LS
TRS GN SH
LS WH GY BN F TO MXLN W/S
M BN V/FXLN HD DNSE SILI
C & SM LS FOSS
VIS 53
LS GY & BN F TO MXLN DNSE
SLI FOSS & BN V/FXLN SIL

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SIMCO
BOX 1577
MIDLAND TEXAS

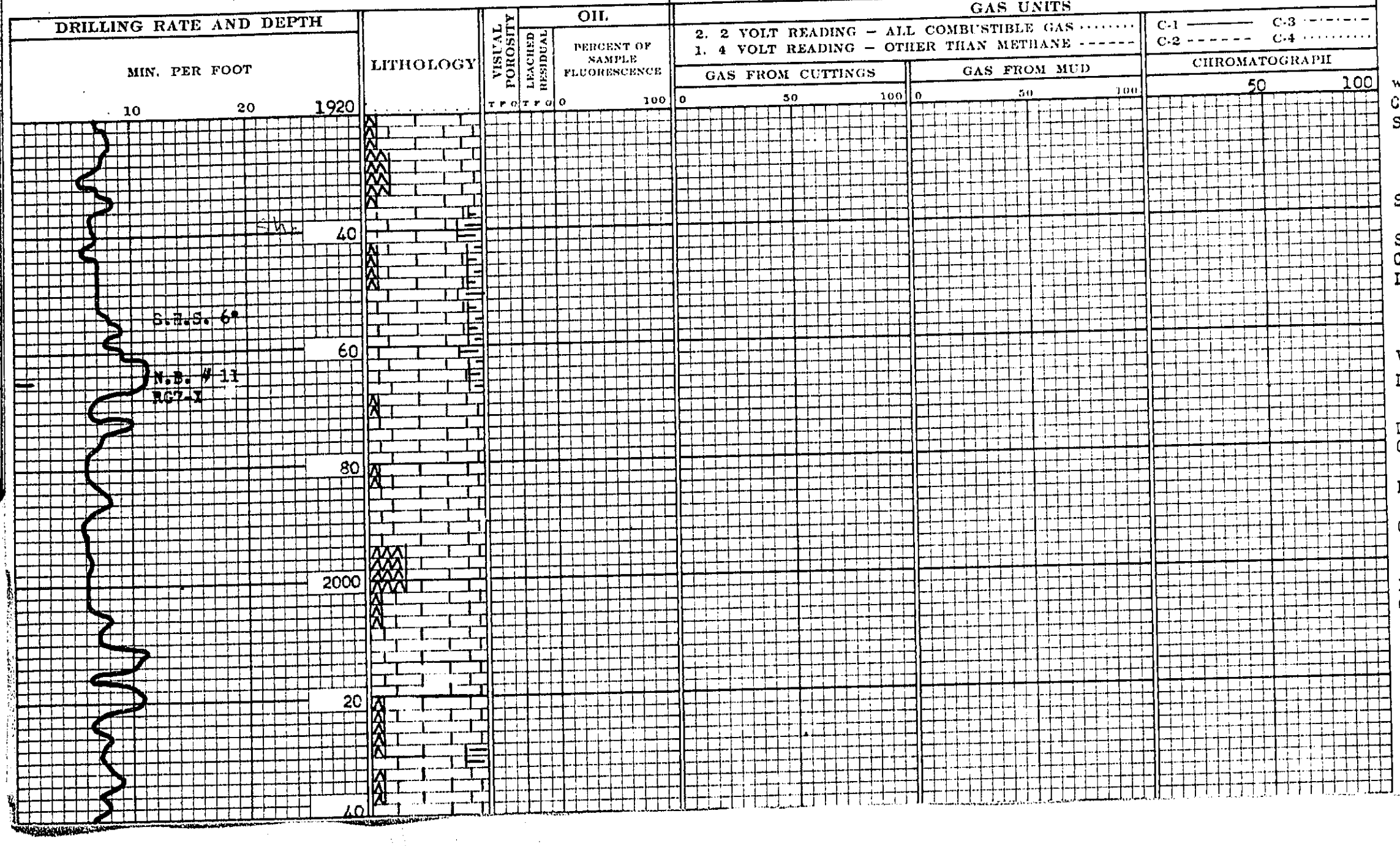
COMPANY R.B. MONCRIEF
WELL STATE # 1
LOCATION COCHISE CO., ARIZ.
DATE 1-9-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD



REMARKS

WT - VIS - FL - CK - PH - SL
CHT GY & BN & PNK
SM PNK RED LS W/C. QTZ XL
S EMBED & SM BN LS W/CHT
NODS LS RE-WORKED IN APP
EARANCE
SH RED GUMMY LMY W/LS EMB
ED IN SH
SH LT GN & GY
CHT WH BN & PNK-TN
LS OFF WH TN GY BN V/FXLN
DNSE SILIC TO GY RE-WORK
ED CHTY LS W/TRS WH CHLK
Y LS
VIS 49
LS WH TAN BRN RD XLN
EARTHY
LS BRN & PNK FXLN
CHT BRN & PNK
LS PNK FXLN EARTHY
CHT PNK
LS PNK FXLN DNS EARTHY
CHT PNK
LS DK GY BRN PNK FXLN
SM WH CHLKY LS
SH BLK
LS DK GY BRN XLN SLTY FOS
S

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COMPANY R.B. MONCRIEF
WELL STATE # 1
LOCATION COCHISE CO., ARIZ.
DATE 1-10-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD

DRILLING RATE AND DEPTH — MIN. PER FOOT — 10 — 20 — 20 40 — 60 — 80 — 21 00 — 20 — 40 — 60

LITHOLOGY

VISUAL POROSITY — T F G

OIL — LEACHED RESIDUAL — T F G — PERCENT OF SAMPLE FLUORESCENCE — 0 — 100

GAS UNITS
2. 2 VOLT READING — ALL COMBUSTIBLE GAS .....
1. 4 VOLT READING — OTHER THAN METHANE ------

GAS FROM CUTTINGS — 0 — 50 — 100
GAS FROM MUD — 0 — 50 — 100

C-1 ——— C-3 -·-·-·-
C-2 - - - - - - C-4 .....

CHROMATOGRAPH — 50 — 100

REMARKS

WT - VIS - PL - CK - PH - SL

LS PNK BN DNSE FXLN SM WH CHLKY
CHT WH-RED ORNGE
LS RED PNK BN DNSE FXLN
LS PNK RED TO PNK-BN & BN W/SM OFF WH DNSE LS
HVY TRS RED-BN & MAROONIS H SH
SM WH SFT CHLKY LS
VIS 46
LS OFF WH TN BN PNK GY V ARY COLORED SM V/DNSE SI LIC SM FOSS SM CHTY RE-WORKED LS
SH RED TO RED-BN W/SM W/L S NODS EMBED
LS MOSTLY GY & BN SM RED
SH GY & DK GY W/SM GY SH LMY
VIS 50
CHT BRT ORNGE & TN & WH
LS OFF WH RED PNK & TN & BN DNSE W/TR FOSS
SH RED RED-BN GY & GN
SM WH & RED LS V/FOSS
TR PURPLISH GY SH
LS LIGHTER IN COLOR WH LT TN TN & GY DNSE
SH MAROONISH GY & LT GN
LS BN FXLN & DK GY CXLN W/TR WH CHLKY LI
SH RD GY GN PURPLE
LS BN FXLN TR PNK LS
SH RD PURPLE
LS BUFF BN FXLN-CXLN

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MIDLAND, TEXAS

COMPANY R.B. MONCRIEF
WELL STATE # 1
LOCATION COCHISE CO., ARIZ.
DATE 1-10,11-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD

DRILLING RATE AND DEPTH
MIN. PER FOOT
10 20 2160
80
2200
20
40
60
80

S.H.S. 6 1/4°
N.B. # 12
RG7-J

LITHOLOGY

VISUAL POROSITY
LEACHED RESIDUAL
T F G T F G

OIL
PERCENT OF SAMPLE FLUORESCENCE
0 100

GAS UNITS
2. 2 VOLT READING – ALL COMBUSTIBLE GAS .....
1. 4 VOLT READING – OTHER THAN METHANE ------
C-1 ——— C-3 -·-·-·-
C-2 - - - - - - C-4 .....

GAS FROM CUTTINGS
0 50 100

GAS FROM MUD
0 50 100

CHROMATOGRAPH
50 100

REMARKS

WT - VIS - FL - CK - PH - SL

LS BUFF BN FXLN-CXLN
LS WH BN DNS VFXLN SUB
LITHO PURPLE SH

SH RD PURPLE DK GY

LS WH BN DNS VFXLN SUB
LITHO
SH PURPLE TO DK GY-BLK

LS WH TAN DNS VFXLN SUB
LITHO
SH PURPLE RD DK GY
VIS-41
SH BRT GN RD GY
LS BN FXLN OOLITIC & WH
BN DNS-FXLN

CHT WH-PNK WITH RD STREAK
LS BN VFXLN WITH RD SPOTS
SM SOFT WH CHLKY NOD LS
LS WH CHLKY NOD WITH SM
GY & BN FXLN LS
CHT WH PNK BN
SH BRT GN RD & PURPLE
LS WH BUFF TAN CHLKY FXLN

CHT GN PNK TAN BN

LS WH CHLKY & WH LT TN FX
LN DNSE
CHT BRT ORNGE & TN W/SM
SLI LMY

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JAN 14 1963
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MIDLAND, TEXAS

COMPANY R.B. MONCRIEF
WELL STATE # 1
LOCATION COCHISE CO., ARIZ.
DATE 1-11-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

☒ ANHYDRITE
☒ CHERT
☒ DOLOMITE
☒ LIMESTONE
☒ CONG.
☐ SAND
☐ SHALE
☐ OTHER

VISUAL POROSITY
☐ TRACE
☐☐ FAIR
☐☐☐ GOOD

DRILLING RATE AND DEPTH
MIN. PER FOOT
10 20 2280
2300
20
40
60
80
2400

LITHOLOGY

OIL
VISUAL POROSITY T F G
LEACHED RESIDUAL T F G
PERCENT OF SAMPLE FLUORESCENCE 0 100

GAS UNITS
2. 2 VOLT READING — ALL COMBUSTIBLE GAS .....
1. 4 VOLT READING — OTHER THAN METHANE ------
GAS FROM CUTTINGS 0 50 100
GAS FROM MUD 0 50 100

C-1 ——— C-3 -·-·-·-
C-2 - - - - - - C-4 .....
CHROMATOGRAPH 50 100

REMARKS

WT - VIS - FL - CK - PH - SL

LS WH CHLKY & WH LT TN BU FF FXLN
SH GN & GY
SM PNK LS FXLN W/CALCITE STRKS
SH LT GN
CHT PNK ORNGE & TN
LS WH CHLKY & WH LT TN BU FF FXLN W/ABD CLEAR FREE CALCITE XLS
VIS 42
TRS GRAN PORO IN PNK M GY LMY SS & PNK SDY LS
CHT PNK ORNGE TN WH & SM CLEAR & GY
LS WH CHLKY & WH LT TAN BUFF FXLN

SS RD FG

LS WH TAN VFXLN-FXLN SLTY FOSS SLTY OOLITIC

VIS-35
TR OF PNK LS
SH RD GN & GY

SH RD PURPLE GN BLK
LS TAN BN FXLN PNK LS WITH ORANGE SPOTS
CHT WH BN PNK TAN
LD WH BN RD PNK FXLN CHLKY
SH RD PNK PURPLE BLK
CHT BN RD PNK & ORANGE
LS WH DNS XLN OOLITIC

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JAN 14 1963
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BOX 1577
MIDLAND TEXAS

COMPANY R.E. MONCRIEF
WELL STATE # 1
LOCATION COCHISE CO., ARIZ.
DATE 1-11,12

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD

DRILLING RATE AND DEPTH — MIN. PER FOOT — 10 20 2400 — 20 — 40 — 60 — 80 — 2500 — 20

LITHOLOGY

OIL
VISUAL POROSITY T F G
LEACHED RESIDUAL T F G
PERCENT OF SAMPLE FLUORESCENCE 0 100

GAS UNITS
2. 2 VOLT READING — ALL COMBUSTIBLE GAS .....
1. 4 VOLT READING — OTHER THAN METHANE ------
GAS FROM CUTTINGS 0 50 100
GAS FROM MUD 0 50 100
C-1 ——— C-3 -·-·-·-
C-2 - - - - - - C-4 .....
CHROMATOGRAPH 50 100

REMARKS

WT - VIS - FL - CK - PH - SL
CHT RED TN BN ORNGE
SH RED GN & GY
LS WH CHLKY PNK XLN BN XL
N
CHT WH VITREOUS
LS WH SLI CHLKY
LOST CIRCULATION @ 2428'

292

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JAN 14 1963
RECEIVED

Well file

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MIDLAND, TEXAS

COMPANY R.B. MONCRIEF
WELL STATE # 1
LOCATION COCHISE CO., ARIZ.
DATE 1-11,12,13,14,15,16,17-63

LEGEND

N.B. NEW BIT
N.R NO RETURNS
C.O. CIRCULATED OUT
N.C.B. NEW CORE BIT
S.H.S. STRAIGHT HOLE SURVEY
R/5 GAS SENSITIVITY CUT 1/5

ANHYDRITE
CHERT
DOLOMITE
LIMESTONE
CONG.
SAND
SHALE
OTHER

VISUAL POROSITY
TRACE
FAIR
GOOD

DRILLING RATE AND DEPTH — MIN. PER FOOT — 10 — 20 — 2400

LITHOLOGY

NO SAMPLES

TOTAL DEPTH 2446'

VISUAL POROSITY — T F G

OIL — LEACHED RESIDUAL — T F G — PERCENT OF SAMPLE FLUORESCENCE — 0 — 100

GAS UNITS
2. 2 VOLT READING – ALL COMBUSTIBLE GAS .....
1. 4 VOLT READING – OTHER THAN METHANE ------
C-1 ——— C-3 -·-·-·-
C-2 - - - - - - C-4 .....

GAS FROM CUTTINGS — 0 — 50 — 100

GAS FROM MUD — 0 — 50 — 100

CHROMATOGRAPH — 50 — 100

REMARKS

WT - VIS - PL - CK - PH - SL
CHT RED TN BN ORNGE
SH RED GN & GY
LS WH CHLKY PNK XLN BN XL N
CHT WH VITREOUS
LS WH SLI CHLKY
LOST CIRCULATION @ 2428'

NO SAMPLES - DRLGING WITH NO RETURNS

SQUEEZE CEMENT @ 2446'
TOTAL DEPTH @ 2446'

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JAN 21 1963
RECEIVED