

ONTEZUMA O & G #1-X FEDERAL
W SW 30-2S-9W Maricopa Co. 208

P-W

sl

COUNTY Maricopa AREA 15 mi NE/Aqua Caliente LEASE NO. AR-020294-A

WELL NAME Montezuma Oil & Gas Company #1-X Federal-A

LOCATION NW SW SEC 30 TWP 2S RANGE 9W FOOTAGE 3116' FNL 585' FWL
ELEV 1225.19 GR RF SPUD DATE 7-29-62 STATUS _____ TOTAL _____
per plat COMP. DATE 4-24-64 DEPTH 441'

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
<u>12 3/4"</u>	<u>40'</u>	<u>2.2 cu yd.</u>	<u>NA</u>	<u>_____</u>
<u>10 3/4"</u>	<u>430'</u>	<u>none*</u>	<u>_____</u>	<u>DRILLED BY CABLE TOOL <input checked="" type="checkbox"/></u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>PRODUCTIVE RESERVOIR <u>_____</u></u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>INITIAL PRODUCTION <u>P&A</u></u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>Tertiary Volcanics</u>	<u>110</u>	<u>x</u>	<u>_____</u>	<u>_____</u>
<u>Cal careous mudstone</u>	<u>181</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>Bench sands/water</u>	<u>300</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>Sand</u>	<u>430</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>_____</u>

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>driller's log</u>
<u>None</u>	<u>_____</u>	<u>_____</u>	SAMPLE DESCRP. <u>x</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	SAMPLE NO. <u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	CORE ANALYSIS <u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	DSTs <u>_____</u>

REMARKS See log of well. *See permit #171
320' of 10 3/4" casing pulled.

APP. TO PLUG x
 PLUGGING REP. _____
 COMP. REPORT x

WATER WELL ACCEPTED BY Arizona Game & Fish Department
letter of 5-1-64

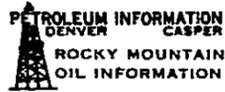
BOND CO. Security Insurance Company BOND NO. A-20140
 DATE _____ ORGANIZATION REPORT 5-63

BOND AMT. \$ 2,500 CANCELLED 6-17-64

FILING RECEIPT 9283 LOC. PLAT x WELL BOOK x PLAT BOOK x
 API NO. 02-013-05000 DATE ISSUED 8-21-62 DEDICATION W/2 SW4

PERMIT NUMBER 208

208
ARIZONA
MARICOPA CO.
WILDCAT (W)



Twp 2s-9w:
Section 30
nw sw
2165 n/s 585 e/w

OPR: Montezuma Oil & Gas

WELL #:

1-X Federal

ELEV: 1227 DF.

TOPS: ~~Log~~ Sample

Cretaceous - surface to TD.

No logs run.

DSTS. & CORES:

No cores or tests

Oil show @ 250.

(Skidded rig from 1
Federal).

Contr: Own.

SPUD: 7-28-62

TD: 448

CSG: 12 1/2" @ 15

PERF:

PROD. ZONE:

INIT. PROD: D & A
(Water Well). Drld w/cable
tools.
(Well was dropped from report 4-24-64).

COMPL: 5-20-64

PB:

ARIZ 3-469060

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

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

DESCRIPTION OF WELL AND LEASE

Operator Montezuma Oil & Gas Co., Inc.		Address 6518 West Oregon Ave., Glendale, Arizona	
Lease Name ARO20294-A out of 020294		Well Number Fed "A" 1-X	Field & Reservoir Wildcat
Location NW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 30, T2S, R9W, Unsurveyed G & SRM Wildcat Area			
County Maricopa	Permit number 208	Date Issued 8-21-62	Previous permit number 171
Date spudded 7-29-62	Date total depth reached 441 2-22-64	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) 1225.2 feet
Total depth 441	P.B.T.D.	Single, dual or triple completion?	Elevation of casing hd. flange feet
Producing interval (s) for this completion		Rotary tools used (Interval)	Cable tools used (Interval) Cable
Was this well directionally drilled? No	Was directional survey made? No	Was copy of directional survey filed?	Date filed
Type of electrical or other logs run (check logs filed with the commission) Drillers Log			Date filed

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
Support	14	12-3/4	29.28	40	2.2 cu. yds.	
Hanging	12	10-3/4	40.5	430	none	320

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
Number per ft.	Size & type	Depth Interval		Am't. & kind of material used		Depth Interval	

INITIAL PRODUCTION

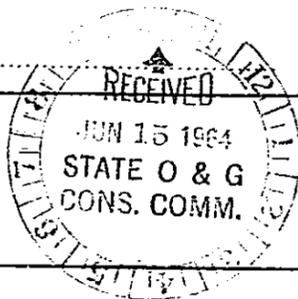
Date of first production		Producing method (Indicate if flowing, gas lift or pumping—If pumping, show size & type of pump:)				
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)
Tubing pressure	Casing pressure	Cal'd 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 President of the Montezuma Oil & Gas (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.

6-11-64
Date

Elliott Boyer
Signature



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

DETAIL OF FORMATIONS PENETRA

Formation	Top	Bottom	Description*
Tertiary volcanics	110'	111' 4"	Silty limestone recrystallized with coarse sands
	181' 6"	248'	Calcareous mudstone silty limestone H 4 to 5 Fluorescent black stain Petroliferous odors in cuttings
	300'	305'	Bench sands some water SSO
	430'	441'	Sand ss Fluor grn SSO Solids from Slurry Water 23.2% by weight Hydrocarbons 0.3% by weight Solids 76.5% by weight The composition of the solids, as shown under the microscope, is as follows: Sand 5% by volume Silt - Calcium Carbonate 85% by volume Clay 10% by volume Outcrop Rock Water 8.5% by weight Hydrocarbons 0.3% by weight Solids 91.2% by weight The composition of the solids, as shown under the microscope, is as follows: Sand 5% by volume Silt 5% by volume Calcium Carbonate 75% by volume Clay 15% by volume Would like this well to be turned over to the Arizona Game Department.

* 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 acceptable 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.

APPLICATION TO ABANDON AND PLUG

FIELD _____
 OPERATOR Montezuma Oil & Gas Company ADDRESS Phoenix, Arizona
 LEASE AR 020294-A WELL NO. Federal "A" 1-X COUNTY Maricopa
 SURVEY _____ SECTION 30 DRILLING PERMIT NO. 208
 LOCATION N $\frac{1}{2}$, SW $\frac{1}{4}$, Sec. 30, T2S, R9W, G & SRB & M
1225.2' above sea level

TYPE OF WELL Dry hole TOTAL DEPTH 451'
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) _____
 LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)
 GAS _____ (MCF) DATE OF TEST _____

PRODUCING HORIZON _____ PRODUCING FROM - 0 - TO _____

1. COMPLETE CASING RECORD 40' of 12" casing hanging and cemented
20' length of 10" in bottom blown by person, or persons, unknown and reported to the
local authorities

2. FULL DETAILS OF PROPOSED PLAN OF WORK _____
Well to be turned over to Game Dept.

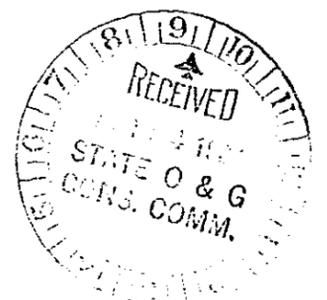
If well is to be abandoned, does proposed work conform with requirements of Rule 202? _____ If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS _____
 NAME OF PERSON DOING WORK Same ADDRESS 6518 W. Oregon Ave.,
 CORRESPONDENCE SHOULD BE SENT TO Ellis V. Boyer Glendale, Arizona

NAME Ellis V. Boyer
 TITLE President

Date Approved _____

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Application to Abandon and Plug
 Form No. 15A File 2 Copies
 Authorized by Order No. 4-6-59
 Effective April 6, 1959

Arizona Oil Conservation Commission

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

Form 9-831a
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office
Lease No. AR 020294-A
 out of 020294
Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 19, 19 62

Federal "A"
Well No. 1 - X is located 3116 ft. from [N] line and 585 ft. from [W] line of sec. 30
N 8 1/2 Sec. 30 T2S R9W QASRBAN (Unsurveyed)
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Maricopa Arizona
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 1225.2 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

CABLE TOOL RIG

120 lin. ft. of 10-3/4", 22.36#/ft. casing. 31#/ft.
600 lin. ft. of 8-5/8", 22.36#/ft. casing.

Cement and casing on hand.

One sand pit and one mud pit in place.

RECEIVED
JUN 22 1962
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

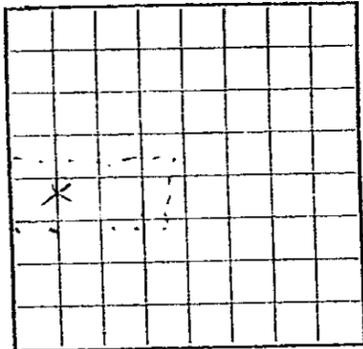
Company Montezuma Oil & Gas Company

Address 207 W. 1st Ave.

Scottsdale, Arizona

By Ellis V. Boyer
Ellis V. Boyer President
Title

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//



LOCATE WELL CORRECTLY



Budget Bureau No. 49-R355.4. Approval expires 12-31-60.

U. S. LAND OFFICE AR020294-A out of SERIAL NUMBER 020294 LEASE OR PERMIT TO PROSPECT ...208

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Montezuma Oil & Gas Co. Address 6518 West Oregon Avenue, Glendale, Ariz. Lessor or Tract Field Wildcat State Arizona Well No. "A"1-X. Sec. 30. T. 28. R. 9W. Meridian G&SR&M County Maricopa Location 3116 ft. [X] of N Line and [X] of W Line of Sec. 30 Elevation 1225.2

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Ellis V. Boyer Title President

Date 6-12-64

The summary on this page is for the condition of the well at above date.

Commenced drilling 7-29-62, 19 Finished drilling 4-22-64, 19

OIL OR GAS SANDS OR ZONES (Denote gas by G)

No. 1, from 00-5d 300 to 305 No. 4, from to No. 2, from 550 430 to 441 No. 5, from to No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 300 to 305 No. 3, from to No. 2, from 430 to 441 No. 4, from to

CASING RECORD table with columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from, From, To, Purpose.

MUDDING AND CEMENTING RECORD

Mudding and cementing record table with columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used.

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set Adapters—Material Size

SHOOTING RECORD

Shooting record table with columns: Size, Shell used, Explosive used, Quantity, Date, Depth shot, Depth cleaned out.

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet Cable tools were used from 0 feet to 441 feet, and from feet to feet

DATES

Put to producing, 19

The production for the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Lee Bailey, Driller Driller Driller

FORMATION RECORD

FOLD MARK

Date 6-12-64

The summary on this page is for the condition of the well at above date.

Commenced drilling 7-29-62, 19... Finished drilling 4-22-64, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 00-5d 300 to 305 No. 4, from ... to ...
No. 2, from 850 430 to 441 No. 5, from ... to ...
No. 3, from ... to ... No. 6, from ... to ...

IMPORTANT WATER SANDS

No. 1, from 300 to 305 No. 3, from ... to ...
No. 2, from 430 to 441 No. 4, from ... to ...

CASING RECORD

Table with columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from, Perforated, Purpose. Includes entries for 12-3/4 and 10-3/4 casing.

MUDDING AND CEMENTING RECORD

Table with columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used. Includes entry for 12-3/4 casing with 2.2 yds. cement.

PLUGS AND ADAPTERS

Heaving plug—Material None Length ... Depth set ...
Adapters—Material ... Size ...

SHOOTING RECORD

Table with columns: Size, Shell used, Explosive used, Quantity, Date, Depth shot, Depth cleaned out. Includes entry for None shell.

TOOLS USED

Rotary tools were used from ... feet to ... feet, and from ... feet to ... feet
Cable tools were used from ... feet to ... feet, and from ... feet to ... feet

DATES

Put to producing ... 19...
The production for the first 24 hours was ... barrels of fluid of which ... % was oil; ... % emulsion; ... % water; and ... % sediment.
If gas well ... Gallons gasoline per 1,000 cu. ft. of gas ...
Rock pressure, lbs. per sq. in. ...

EMPLOYEES

Lee Bailey, Driller
... Driller

FORMATION RECORD

Table with columns: FROM, TO, TOTAL FEET, FORMATION. Includes entries for 0-110', 110'-112', 112'-180', 180'-250', 250'-300', 300'-305', 305'-350' with descriptions of tertiary volcanics, dolomite limestone, conglomerates, etc.

AT THE END OF COMPLETE DRILLERS LOG, ADD CHECKS TO STATE WHETHER ...

FORMATION RECORD—CONTINUED

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FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
350'	400'	50'	Gravel mixed with shale
400'	430'	30'	Hard mudstone Silty sandstone hardness 3.2 to 4.7
430'	441'	11'	Water increase sands good
Solids from Slurry			
	Water	23.2% by weight	
	Hydrocarbons	0.3% by weight	
	Solids	76.5% by weight	
The composition of the solids, as shown under the microscope, is as follows:			
	Sand	5% by volume	
	Silt	-	
	Calcium Carbonate	85% by volume	
	Clay	10% by volume	
Outcrop Rock			
	Water	8.5% by weight	
	Hydrocarbons	0.3% by weight	
	Solids	91.2% by weight	
The composition of the solids, as shown under the microscope, is as follows:			
	Sand	5% by volume	
	Silt	5% by volume	
	Calcium Carbonate	75% by volume	
	Clay	15% by volume	

FOOT MARK

SHOOTING RECORD

PLUGS AND BRIDGES

MIDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Sundry notice showing 20' length of casing left on bottom of well. I have gotten another 10' out, leaving 10' length. This well was blown by person or persons unknown to me. I would like the Arizona Game Department to have this well as it would be of great value to them for the water. 20' of 12-3/4 casing cemented in at top with a 5/8" steel plate welded over top.

UNDESIRABLE WATER SANDS

No. 3' from	No. 6' from	No. 9' from	No. 12' from

(Specify size of plug)

USE OF CASE RECORDS OR FORMS

C/24/64

(17) 30-2S-9W
3115' FNL-858' FWL
Montezuma Oil & Gas
#1-A Fed

WILDCAT, 15 mi NE/Agua Caliente; proposed 900' test; C/Co; CT;
elev 1223' GL; spud 7-28-63; set 12 1/2" csg @ 15' w/25sx; drlg
@ 452'; SD/WOO. P&A FINAL REPORT.

cy 208

OILWELL RESEARCH

INCORPORATED

1539 W. SIXTEENTH ST. LONG BEACH 13. CALIFORNIA

PHONE HEMLOCK 6.4254

DAY OR NIGHT

June 7, 1963



Montezuma Oil Venture
84 W. Cypress
Phoenix
Arizona

Attention: Mr. E. V. Boyer

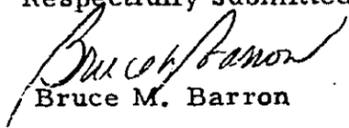
Gentlemen:

A solids-slurry and an outcrop rock sample were submitted to this laboratory May 25, 1963 for visual observation and analysis for the presence of hydrocarbons. Each sample was extracted with hot solvent and dried. An infrared spectrum was run on the extract.

The solids and outcrop rock appear to be of the same material; namely, poorly sorted and well weathered sandstone altered mainly to calcium carbonate material.

Each sample contains some hydrocarbons. The infrared spectrum shows the sample to be composed of petroleum hydrocarbons. We do not know whether the hydrocarbons are refined or crude oil.

Respectfully submitted,


Bruce M. Barron

BMB:mw

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CORE ANALYSIS

DRILLING FLUIDS

DRILLING AND PRODUCTION PROBLEMS

RESEARCH

TESTING

DEVELOPMENT

Our letters and reports are for the exclusive use of the clients to whom they are addressed. The use of our names must receive our prior written approval. Our letters and reports apply only to the samples tested and are not necessarily indicative of the qualities of identical or similar products.

OILWELL RESEARCH, INCORPORATED

Montezuma Oil Venture

June 7, 1963

Composition of Outcrop Rock and Solids-Slurry
Date Submitted to this laboratory:
5/25/63

Solids from Slurry

Water	23.2 % by weight
Hydrocarbons	0.3 % by weight
Solids	76.5 % by weight

The composition of the solids, as shown under the microscope, is as follows:

Sand	5 % by volume
Silt	-
Calcium Carbonate	85 % by volume
Clay	10 % by volume

Outcrop Rock

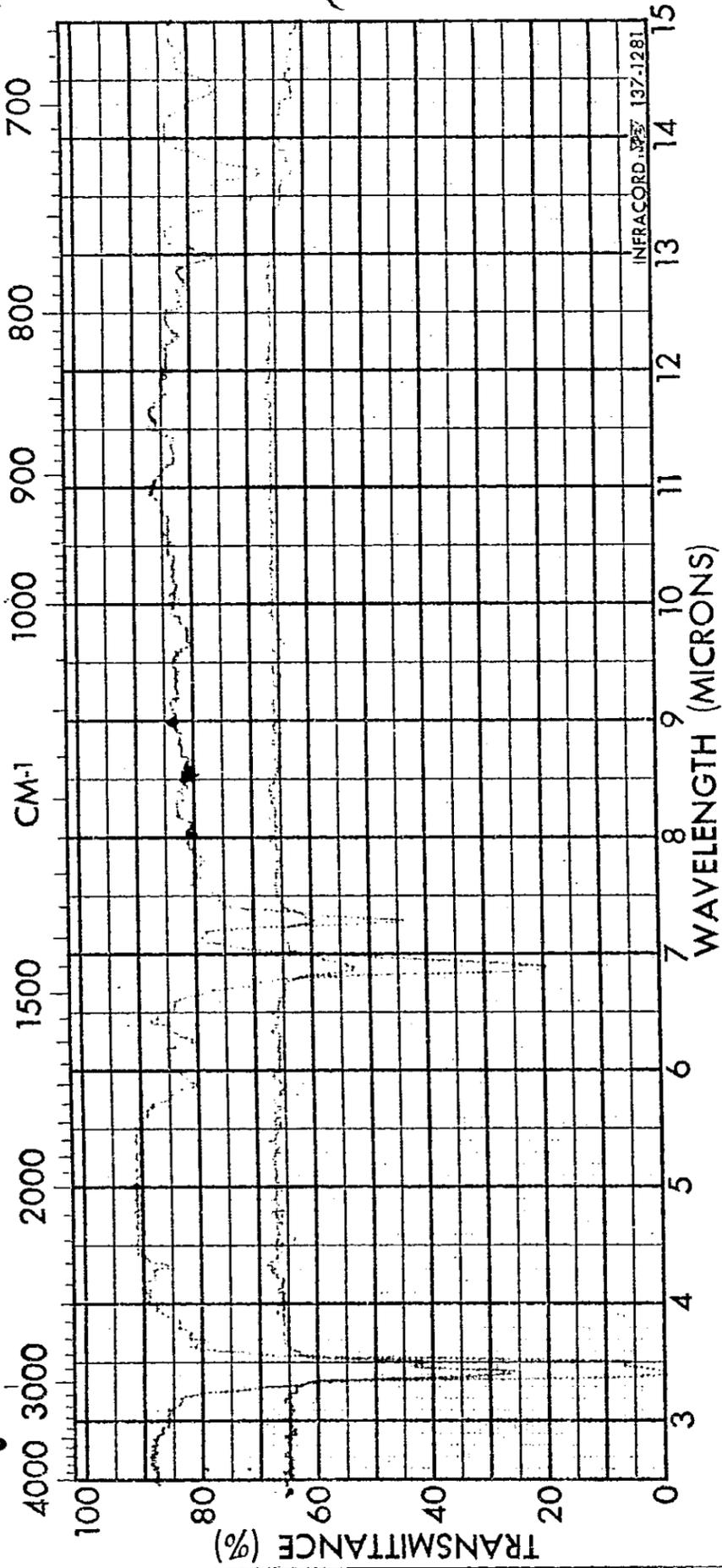
Water	8.5 % by weight
Hydrocarbons	0.3 % by weight
Solids	91.2 % by weight

The composition of the solids, as shown under the microscope, is as follows:

Sand	5 % by volume
Silt	5 % by volume
Calcium Carbonate	75 % by volume
Clay	15 % by volume

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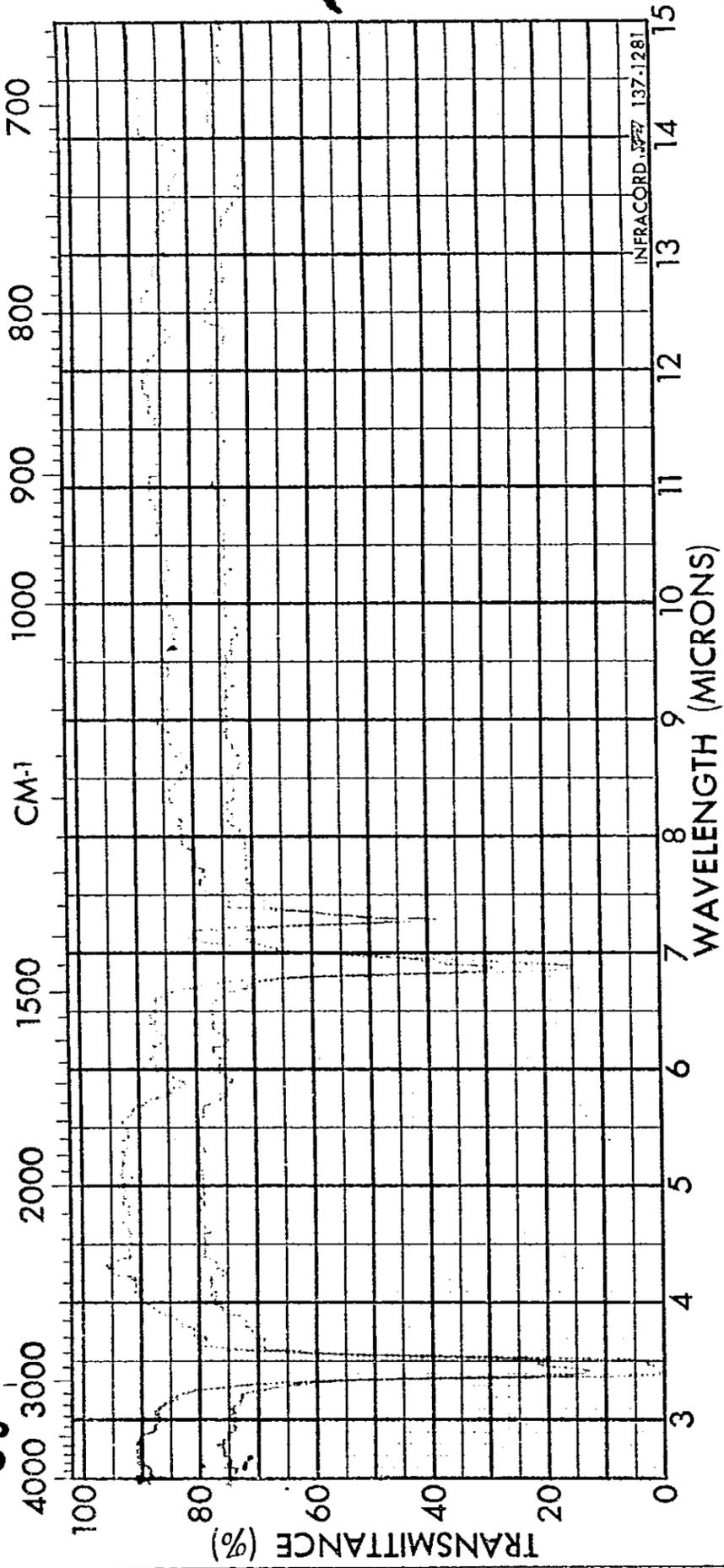


SPECTRUM NO. _____
SAMPLE

SPECTRUM NO.	ORIGIN	LEGEND	REMARKS
SAMPLE		1.	Top - 0.1 film
Alumina	PURITY	2.	Bot - 100 film
OUTGROUP	PHASE	DATE	5-4-63
	THICKNESS	OPERATOR	

THE PERKIN-ELMER CORPORATION, NORWALK, CONN.

208



SPECTRUM NO. _____
SAMPLE

SPECTRUM NO. _____	ORIGIN _____	LEGEND _____	REMARKS _____
SAMPLE _____	PURITY _____	1. _____	_____
_____	PHASE _____	2. _____	_____
_____	THICKNESS _____	DATE 6-4-63	OPERATOR _____

THE PERKIN-ELMER CORPORATION, NORWALK, CONN.

MONTEZUMA OIL & GAS COMPANY, INC.
207 WEST FIRST AVENUE
SCOTTSDALE, ARIZONA

November 12, 1962

Oil & Gas Conservation Commission
State Of Arizona
3500 N. Central Ave.
Phoenix 12, Arizona

RE: Montezuma Oil & Gas Company Inc.
Well No. 1-X (Federal)
Lease No. 020294 - A

Gentleman,

To keep you informed of our progress to date, we offer the following information;

We started drilling again on Oct. 25, 1962. We are presently at a depth of 205' and penetrating limestone. No fluids encountered. We have 1,250 lin. ft. of 12" and 10" casing on site.

EVB/
GCC

Very truly yours,
Ellis V. Boyer
Ellis V. Boyer
President

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR **Montezuma Oil & Gas Co., Inc.** DATE **Aug. 8, 1962**

207 W. 1st Ave. **Scottsdale** **Arizona**
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease Federal #ARO20294-A out of 020294	Well number Fed. 1-A	Elevation (ground) 1225.2
Well location (give footage from section lines) Section—township—range or block & survey 3116' from N. line & 585' from W. line of Sec. 30, T2S, R9W, G&SR&M.		
Field & reservoir (If wildcat, so state) Wildcat	County Maricopa	
Distance, in miles, and direction from nearest town or post office 15 miles Northeast of Agua Caliente		
Nearest distance from proposed location to property or lease line: 573 feet	Distance from proposed location to nearest drilling completed or applied—for well on the same lease: 0 feet	
Proposed depth: 1000'	Rotary or cable tools Cable tools	Approx. date work will start Aug. 4, 1962
Number of acres in lease: 80 Acres	Number of wells on lease, including this well, completed in or drilling to this reservoir: none	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address
Status of bond Current		

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

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **President** of the **Montezuma Oil & Gas Co.** (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.

August 8, 1962

Date

Ellis T. Boyer
Signature

Permit Number: **208**
Approval Date: **8-21-62**
Approved By: *[Signature]*

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

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.

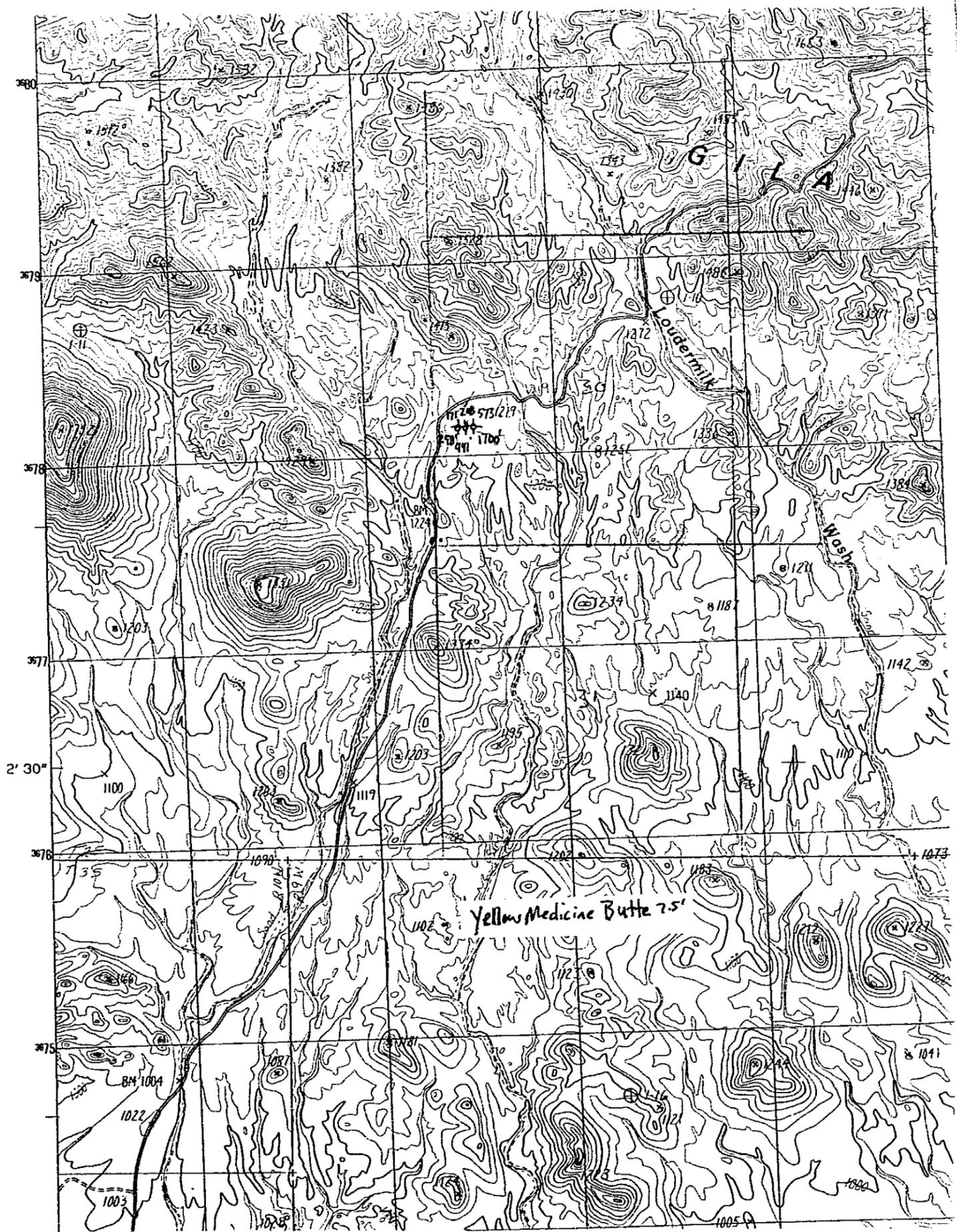
Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
120'-10-3/4	31#	#1 Thrded				
600'-8-5/8"	22.3#	" "				

Cement & casing on hand. One sand pit and one mud pit in place.

Form No. P-1



APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR **Montezuma Oil & Gas Co., Inc.** DATE **Aug. 8, 1962**

207 W. 1st Ave. **Scottsdale** **Arizona**
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease Federal #ARO20294-A out of O20294	Well number Fed. 1-A	Elevation (ground) 1225.2
Well location (give footage from section lines) 3116' from N. line & 585' from W. line of Sec. 30, T2S, R9W, G&SRB&M.		Section—township—range or block & survey
Field & reservoir (if wildcat, so state) Wildcat	County Maricopa	
Distance, in miles, and direction from nearest town or post office 15 miles Northeast of Agua Caliente		
Nearest distance from proposed location to property or lease line: 573 feet		Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: 0 feet
Proposed depth: 1000'	Rotary or cable tools Cable tools	Approx. date work will start Aug. 4, 1962
Number of acres in lease: 80 Acres	Number of wells on lease, including this well, completed in or drilling to this reservoir: none	
If lease, purchased with one or more wells drilled, from whom purchased: Name		Address
Status of bond Current		

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

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **President** of the **Montezuma Oil & Gas Co.** (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.

Date **August 8, 1962**

Signature **Ellis T. Boyer**

Permit Number: **208** **208**
Approval Date: **8-21-62**
Approved By: *[Signature]*
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

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.

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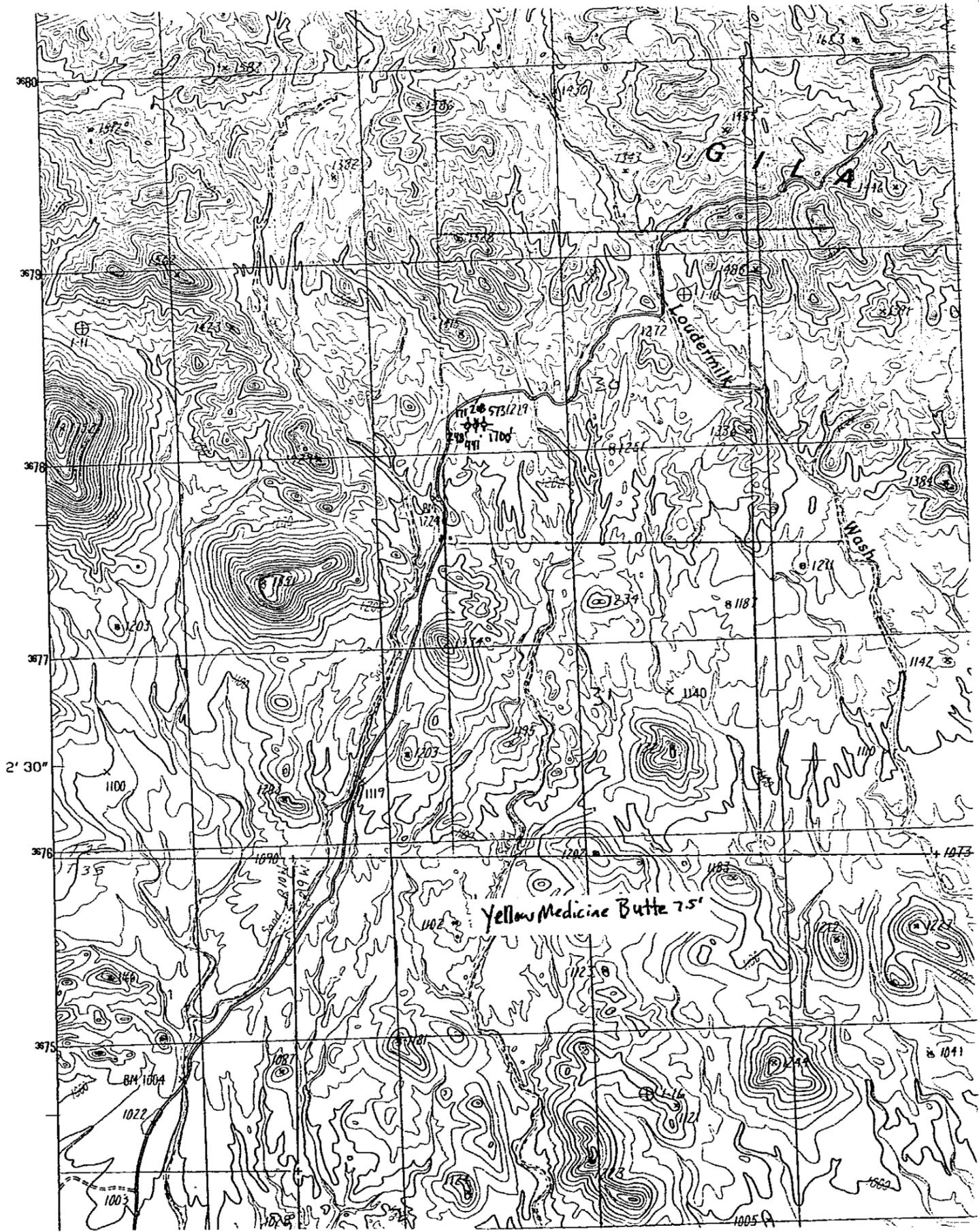
Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

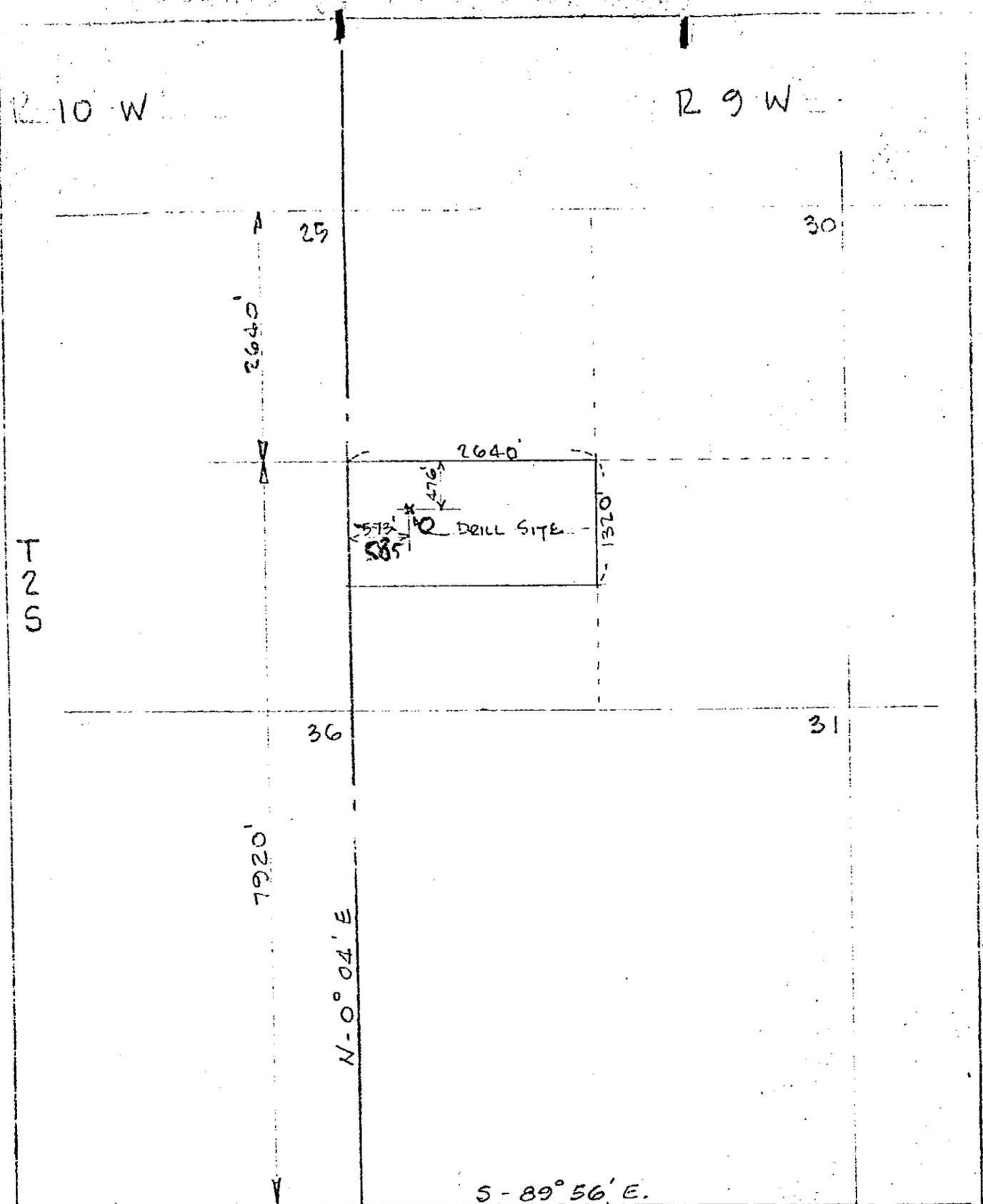
PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
120'-10-3/4	31#	#1 Thrded				
600'-8-5/8"	22.3#	" "				

Cement & casing on hand. One sand pit and one mud pit in place.

Form No. P-1





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SITUATED IN
MARICOPA COUNTY, ARIZONA



FED. OIL & GAS LEASE #020294-A OUT OF #020294 (80 ACRES)
 LEGAL - N 1/2 SW 1/4 SEC. 30, T2S, R9W, GSR. MER., UNSURVEYED
 ELEVATION AT DRILL SITE - 1225.19
 FEDERAL UNSURVEYED LAND
 SCALE - 3/4" = 1000'

201

MONTZUMA OIL & GAS CO.

XXXXXXXXXX
XXXX

June 17, 1964

The Security Connecticut Insurance Group
104 Fillmore Street
Denver, Colorado

Attention: Mr. Robert M. Conklin
Bond Manager

Re: Bond No. S-20140
Montezuma Oil and Gas Company, Inc.
Our File No. 171

Gentlemen:

Please be advised that this will constitute our authority to cancel the captioned bond covering the Montezuma No. 1 Federal A Well located in the NW/4 SW/4 Section 30 - T2S - R9W, Maricopa County, Arizona.

We appreciate your cooperation.

Yours very truly,

John Bannister
Executive Secretary

JB:mhc

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To Oil & Gas Conservation Commission

~~TO THE STATE ENGINEER~~

This is to advise you that I accept the abandoned wildcat well,
known as the Federal "A" 1-X, located on the
N 1/2, SW 1/4 of Section 30, Township 28,
(1/4 1/4 1/4) and wildlife
Range 9 W, as a water well to be used for domestic purposes.
Further, that I accept full responsibility for the proper maintenance
of the well in compliance with the provisions of Arizona Revised
Statutes Title 27, Chapter Four, Articles 1 and 2.

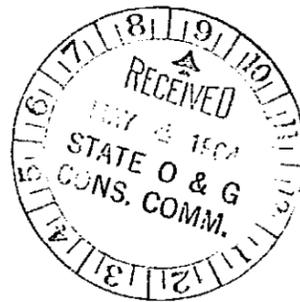
P. M. Lopez Assistant Director
(Signature)

Room 120 Arizona State Building
(Street)

Phoenix 7, Arizona
(City) (State)

Date: May 1, 1964

Lease No. AR 020294 - A out of 020294
(This form is to be filed in duplicate.)



ENDORSEMENT

BE 17

Attached to and forming part of Policy Number S-20140 issued to
MONTEZUMA OIL & GAS COMPANY
 by GREAT BASIN INSURANCE COMPANY at its Agency
 located (city and state) PHOENIX, ARIZONA Date of Endorsement 12-8-62

In consideration of a additional premium in the amount of \$25.00, it is hereby understood and agreed that the above mentioned bond is extended to December 8th, 1963.



All other terms and conditions of this policy remain unchanged.

A. G. Jeanette

Agent.

[AUTHENTIC]

pb 12/12/62

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A. G. JEANETTE ATTORNEY-IN-FACT

Know All Men by These Presents

KNOW ALL MEN BY THESE PRESENTS

MONTAZUMA OIL & GAS COMPANY

County of: MARICOPA In the State of: ARIZONA

as Principal, SECURITY INSURANCE COMPANY

NEW HAVEN, CONNECTICUT 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 the United 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 condition 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:

Sec. 30 NE SW 1/4 T2S, R9W, GSR B&M (Unsurveyed) SINGLE WELL

(May be used as blanket bond or for single well)

CANCELLED 6/17/64

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 quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of TWO THOUSAND FIVE HUNDRED DOLLARS AND NO/100 (\$2,500.00)

Witness our hands and seals, this 8th day of December

Montezuma Oil & Gas Co., Inc.

Principal

Witness our hands and seals, this 8th day of December

SECURITY INSURANCE COMPANY OF NEW HAVEN, CONNECTICUT by: Attorney-in-Surety

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

STATE OF ARIZONA OIL AND GAS CONSERVATION COMMISSION

208



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Drawer U
Artesia, New Mexico

IN REPLY REFER TO:

June 22, 1962

Montezuma Oil and Gas Company, Inc.
207 West First Avenue
Scottsdale, Arizona

Re: Oil and Gas Lease
Arizona 020294-A

Gentlemen:

This is to acknowledge your "Notice of Intention to Drill" dated June 19, 1962, covering your well No. 1-X Federal "A", a 1,000 foot cable tool test, on subject leasehold in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T. 2S., R. 9W., unsurveyed, G. & S.R.M., wildcat area, Maricopa County, Arizona. The well located 7.444 feet from the south and 505 feet from the west lines of sec. 31, T. 2 S., R. 9 W., G. & S.R.M., (as reported).

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which is enclosed, and subject to the following conditions:

- (1) Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
- (2) The surface casing should be cemented with sufficient cement to reach the surface. If production is encountered, the production casing must be cemented with sufficient cement to protect all potable water zones not covered by the surface casing.
- (3) If electric or radioactive logs are not run, a sample description log from surface to total depth must be furnished in duplicate.
- (4) Furnish a weekly progress report showing all pertinent data such as formations and zones drilled, kind and amount of fluid encountered, etc.

Very truly yours,

James A. Knarf
District Engineer

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**THE SECURITY
CONNECTICUT** INSURANCE GROUP

DENVER OFFICE
104 Fillmore Street
DENVER, COLORADO

June 11, 1964

Oil and Gas Conservation Committee
State of Arizona
Room 202
1624 West Adams
Phoenix, Arizona

Re: Bond # S-20140 -
Montezuma Oil & Gas Company, Inc.
File #171

ATTENTION: John Bannister
Executive Secretary

Dear Mr. Bannister:

I have your letter of May 25th, regarding the above captioned oil and gas lease bond. I have just received the enclosed letter from The U. S. Department of Interior stating that they would approve our cancellation, effective June 2, 1964. I assume that this will also be evidence enough for your office to consider this work completed. If this is the case, we will appreciate hearing from you as to the date we may use for cancellation.

Yours very truly,

DENVER OFFICE

Robert M. Conklin
Robert M. Conklin
Bond Manager

RMC:ck
Enclosure

208



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Land Office
3022 Federal Building
Phoenix, Arizona 85025

June 10, 1964

DECISION

Lessee:
Montezuma Oil & Gas Co., Inc.

Oil and Gas
Arizona 020294-A

Surety:
Security Insurance Company

Period of Liability under Bond Terminated

Five-year noncompetitive oil and gas lease Arizona 020294-A, held by the above named lessee, expired by operation of law March 31, 1964, at the end of the primary term.

\$10,000 bond (No. S-20351) executed December 8, 1961, by Montezuma Oil & Gas Co., Inc., as principal, and Security Insurance Company of New Haven, Connecticut, as surety, was filed in connection with drilling operations on the leasehold.

Abandonment of the wells drilled on the leasehold was approved June 2, 1964. Therefore, the period of liability under the \$10,000 bond No. S-20351 terminated as of June 2, 1964.

Ellen W. Kirsch

Mrs. Ellen W. Kirsch
Acting Manager



May 25, 1964

The Security Connecticut Insurance Group
Denver Office
104 Williams Street
Denver, Colorado

Attention: Mr. Robert M. Conklin
Bond Manager

Re: Bond #S-20140
Montezuma Oil and Gas Company
Our File No. 171

Gentlemen:

Thank you for your letter of May 19, 1964, concerning
the captioned bond.

Please be advised that drilling activity on the
Montezuma Oil and Gas Company Federal #1-A has ceased.
However, this well has not been plugged and abandoned;
and before the bond in question may be released, this
well must be plugged in accordance with our rules and
regulations. At such time as this has been done, then
and only then, this bond may be released.

Yours very truly,

John Eannister
Executive Secretary

JDE:ato

Cc: Mr. Ellis Doyce

6818 West Oregon
Glendale, Arizona



**THE SECURITY
CONNECTICUT INSURANCE GROUP**

DENVER OFFICE
104 Fillmore Street
DENVER, COLORADO

May 19, 1964

Arizona State Oil and Gas Commission
Phoenix, Arizona

Re: Montezuma Oil and Gas Company
Bond #S-20140

Dear Sirs:

The above captioned bond was written by our company December 8, 1961. Since we are no longer writing this type of business and the agent who wrote this no longer represents our company, we would appreciate knowing the steps necessary for us to be relieved of this risk.

If it is possible that this lease work has been completed, please advise the date of completion or capping. Your help in this matter will be greatly appreciated. Please use the enclosed self-addressed stamped envelope for your mailing convenience.

Sincerely yours,

DENVER OFFICE

Robert M. Conklin

Robert M. Conklin
Bond Manager

RMC:eo
Enclosure



April 24, 1964

Mr. Ellis V. Boyer, President
Montezuma Oil & Gas Company
6518 West Oregon Avenue
Glendale, Arizona

Re: Montezuma Oil & Gas #1-A Federal
Section 30 - T2S - R9W, G&SRB&M., Maricopa County

Dear Ellis:

Thanks for your letter regarding the Arizona Game Department being interested in above well.

I am enclosing some forms which if the Game Department will sign in acceptance of this well, returning two copies to us, will enable us to furnish you with an acceptance letter which will also be sufficient for your bond on the well to be cancelled. Then this will accomplish the transfer of this well to the Game Department.

It is fine that you are doing this, Ellis, because it makes for there being more available water in the state. This adds to furtherance of conservation and does its bit to help the economy of the state.

So thanking you very much for all your cooperation in this matter, and hoping that you make a petroleum producer out of your next one, I am,

Sincerely,

John K. Petty
Petroleum Geologist

JKF:mkc
Encl.

well folder

April 7
February 22, 1964

Oil & Gas Conservation Commission
State of Arizona
1624 West Adams Street
Room 202
Phoenix, Arizona
85007

Dear John:

Enclosed is a copy of the letter sent me by the Game Department showing their interest in the well. I have sent them the forms that you sent me advising them to sign them and forward them to you.

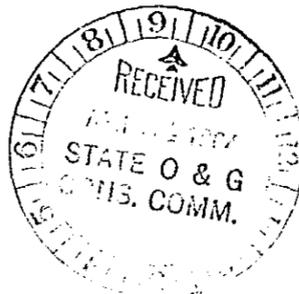
I hope this is all that will be necessary. If not, please advise.

Very truly yours,

Ellis V. Boyer
Ellis V. Boyer, President
Montezuma Oil & Gas

EVB:jb
Enclosure

6518 West Oregon Avenue
Glendale, Arizona



PAUL PARKIN
Governor

Councilman

LEE HOVER, PHOENIX, CHAIRMAN
O. M. SIZER, CLIFTON
RALPH MORROW, DOUGLAS
MARTIN JOHNSON, KINGMAN
MILTON G. EVANS, FLAGSTAFF



ARIZONA GAME & FISH DEPARTMENT

State Office Building • Phoenix, Arizona 85007 • 271-4295

WENDELL G. SWANK *Director*

PHIL M. COSPER *Assistant Director*

April 14, 1964

Mr. Ellis Boyer
6518 West Oregon
Glendale, Arizona

Dear Mr. Ellis:

Information concerning Montezuma Well near Hyder, Arizona has been forwarded to me by Mr. Gruenewald of this department.

We are very much interested in conserving water and making it available for wildlife and therefore we would greatly appreciate receiving Montezuma Well from you as a gift in Wildlife's behalf.

I understand that this gift can be made possible through the "Act of 2 25-20 (41 Stat. 437) Section 40 as added on June 16, 1934 (48 Stat. 977).

I would like very much to arrange a meeting with you to further discuss this proposition and determine what will be necessary to convert this well into a wildlife development.

Of course, I am anxious to see the well. I am quite familiar with the Yellow Medicine Wash area and could no doubt find the well with minimum directions.

Please feel free to set a date for further discussions at your convenience. I can be reached at YE 9-0119 (ext. 2121) after working hours. If I do not hear from you in the next few days I will take the liberty to call you at YE 9-0119 after 6:00 P. M.

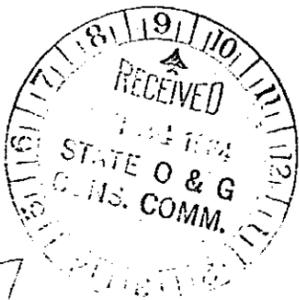
We appreciate your interest in this matter.

Sincerely,

Wendell G. Swank, Director

By: Daniel P. Schadle, Leader
Statewide Wildlife Development

DPS:slh



208



GREAT BASIN INSURANCE COMPANY

112 CALIFORNIA AVE.
P.O. BOX 2977
RENO, NEVADA
FAirview 3-2711

December 10, 1962

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

Re: Bond No. S 20140
Principal Montezuma Oil
& Gas Co.

Attention: Mr. John K. Petty
Petroleum Geologist

Dear Mr. Petty:

This will acknowledge receipt of your letter of December 6, 1962, pertaining to the above captioned bond.

We will comply with all requirements of the Arizona statutes pertaining to Permit bonds, in that we will assume liability for any claims based upon an incident occurring during the effective period of the bond.

However, since we have no facilities in Arizona, at the present time, for renewing this bond we must cancel it as of December 8, 1962. We are sorry for any inconvenience this may cause your Department or the principal.

Very truly yours

Cooper Blanton
Cooper Blanton, C.P.C.U.
Executive Vice President

December 6, 1962

Great Basin Insurance Company
P. O. Box 2977
Reno, Nevada

Attn: Mr. Cooper Blanton, Executive Vice President

Re: Bond No. S20140 - Montezuma Oil and Gas Company
Scottsdale, Arizona - Obligeo - State of Arizona

Gentlemen:

This well has not been plugged and abandoned nor completed.
It is still being drilled, or in the process thereof.

Yours truly,

John K. Petty
Petroleum Geologist



GREAT BASIN INSURANCE COMPANY

November 29, 1962

112 CALIFORNIA AVE.
P.O. BOX 2977
RENO, NEVADA
FAirview 3-2711

State of Arizona
Oil and Gas Conservation Commission
Phoenix, Arizona

Re: Bond No. S 20140
Principal Montezuma Oil and Gas Company
 Scottsdale, Arizona
Obligee State of Arizona

Gentlemen:

On October 26, 1962, we ailed to you Notice of Cancellation of the above captioned bond, to become effective December 8, 1962. May we please have an acknowledgement of this notice so that we may complete our files.

Thank you.

Very truly yours

Cooper Blanton
Cooper Blanton, C.P.C.U.
Executive Vice President

Dec. 4, 1962

Gentlemen:

This well has not been plugged and abandoned nor completed. It is still being drilled, or in process thereof.

*Yours truly,
John K. Petty*

August 30, 1962

Montezuma Oil and Gas Co., Inc.
207 West 1st Avenue
Scottsdale, Arizona

Attention: Mr. Ellis V. Boyer

Gentlemen:

Enclosed is your approved application for permit to drill
your Montezuma Oil and Gas Co., Inc. Federal 1-A test in
Section 30, T2S, R9W, Maricopa County, Arizona.

Yours very truly,

Helen M. Eremie
secretary

enc 1

PAUL FANNIN
GOVERNOR

R. KEITH WALDEN
CHAIRMAN

LYNN LOCKHART
VICE CHAIRMAN

CHARLES KALIL, M. D.
MEMBER

ROBERT B. HEWARD
MEMBER

ORME LEWIS
MEMBER



OFFICE OF

Oil and Gas Conservation Commission
STATE OF ARIZONA

3500 N. CENTRAL - SUITE 221

Phoenix 12, Arizona

CR 9.3397 CR 9-2731

D. A. JEROME
EXECUTIVE SECRETARY

August 17, 1962

Mr. R. Keith Walden
P. O. Box 1271
Tucson, Arizona

Dear Mr. Walden:

Even though Montezuma Oil and Gas Co., Inc. moved their location over 10' which does not require an additional permit fee or bond, I believe it would be best if you were to sign and approve the enclosed application for permit to drill the new location known as Federal 1-A in Sec. 30, T2S, R9W, Maricopa County, Arizona.

If this not meet with your approval, please advise me.

Sincerely,

A handwritten signature in cursive script that reads "John".

John K. Petty
Petroleum Geologist

encs 2