

GARY DRILLING BUCKSKIN MTN 1-13 FED
13-41N-2E COCONINO CO. 831

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR: Gary Drilling Co.
 3. ADDRESS OF OPERATOR: 7001 Fruitvale Ext., Bakersfield, CA 93308

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface: Fr. E 1/4 of Sec. 13, 330' W
 At top prod. interval reported below: --
 At total depth: As above

14. PERMIT NO.: 00831
 DATE ISSUED: 9-10-82

5. LEASE DESIGNATION AND SERIAL NO.: A-16556

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

7. UNIT AGREEMENT NAME: --

8. FARM OR LEASE NAME: Buckskin Mountain

9. WELL NO.: "Buckskin Mountain" 1-13

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 13, T. 41 N., R 2. E. G. S. R. M.

12. COUNTY OR PARISH: Coconino
 13. STATE: Ariz.

15. DATE SPUNDED: 9-22-82
 16. DATE T.D. REACHED: 10-3-82
 17. DATE COMPL. (Ready to prod.): --
 18. ELEVATIONS (DF, RNB, RT, GR, ETC.): 6560' Gr.

20. TOTAL DEPTH, MD & TVD: 700'
 21. PLUG, BACK T.D., MD & TVD: --
 22. IF MULTIPLE COMPL. HOW MANY: --
 23. INTERVALS DRILLED BY: 0 - 700'

24. PRODUCING INTERVAL(S) OF THIS COMPLETION -- TOP, BOTTOM, NAME (MD AND TVD)*: --
 25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: None
 27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	20#	96.5'	9"	10 sx. premix topping cem dumped from surface.	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (Interval, size and number): None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.:

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33. PRODUCTION

DATE FIRST PRODUCTION: Never produced
 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump):
 WELL STATUS (Producing or shut-in):

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.):
 TEST WITNESSED BY:

35. LIST OF ATTACHMENTS:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: [Signature] TITLE: Geologist DATE: 10-14-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22 and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

31. SUMMARY OF POROUS ZONES: ALL INTERVALS, ZONES OF INHIBITIVITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTS, CUBIC-FOOT FLOW, TIME TOOL-OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		GEOLOGIC MARKERS	
FORMATION	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAN DEPTH TRUE VERT. DEPTH
TOP	BOTTOM		
See accompanying "Log and Core Record of Oil or Gas Well"			

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other Dry hole

2. NAME OF OPERATOR
Gary Drilling Co.

3. ADDRESS OF OPERATOR
7001 Fruitvale Ext., Bakersfield, CA 93308

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: Fr. E 1/4 of Sec. 13, 330' W.
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: As above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input checked="" type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE
A-16656

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
--

7. UNIT AGREEMENT NAME
--

8. FARM OR LEASE NAME
"Buckskin Mountain"

9. WELL NO.
"Buckskin Mountain" 1-13

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 13, T. 41 N., R. 2 E.
G.S.R.M.

12. COUNTY OR PARISH
Coconino

13. STATE
Ariz.

14. API NO.
02-005-20027

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6560' Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See accompanying "History of Oil or Gas Well".

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O & G CONS. COMM.

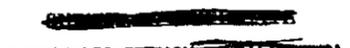
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Annus Shea TITLE Geologist DATE 10-14-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:


 DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

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History of Oil or Gas Well

Operator Gary Drilling Co. Field or County Coconino Co., Ariz.
 Well "Buckskin Mountain" 1-13 Sec. 13, T 41 N., R 2 E., GS BR & M.
 A.P.I. No. 02-005-20027 Name Dennis Shea Title Geologist
 Date 10-14-82, 19 82
(Person submitting report) (President, Secretary or Agent)

Signature *Dennis Shea*

7001 Fruitvale Ext., Bakersfield, CA 93308 (Address) (805) 589-0111 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date	
<u>1982</u>	
9-22	Moved in Jim Williams Well Drilling Co. Rig #2 and spudded in at 2:00 p.m. Drilled 8" hole from surface to 40'.
9-23	Drilled 8" hole to 47' - hole appeared to be crooked - moved rig 2' to the west and drilled new 8" hole from surface to 100'. Circulated hole clean. Ran 5 joints, 97.5', of 7", .231 wall thickness line pipe (welded) and cemented at 96.5' from surface with 10 sacks of premix topping cement. C. I. P. at 6:30 p.m. WOC.
9-24 to 9-29	WOC.
9-30	Cut off 7" casing, weld on flange. Installed 8" gate valve and rotating head.
10-1	Drilled 6-1/2" hole to 180'.
10-2	Drilled 6-1/2" hole to 450'. Lost circulation at 330' and 390' - no returns or samples from 430' to 460'.
10-3	Added lost circulation material to foam. Drilled 6-1/2" hole to 590' with no returns. Had returns from 590' to 600'. 600' to 700' no returns. Pulled out of hole to 500', pulled tight from 500' to 492' - couldn't pull above 492'. Had circulation through bit and rotation.
10-4	Removed rotating head - added water to hole and pulled pipe to 479' where pipe stuck - couldn't rotate or go up or down - still had circulation through bit.
10-5	Pulled drill pipe 5'. Rigged up charge and shot drill pipe at 460' - pipe backed off at 360'. Pulled and recovered drill pipe from 360' - fish in hole consisting of 6-1/2" bit, 5-3/8" hammer and one 5-9/16" stabilizer, 5 joints of 4-3/4" drill pipe from 480' to 360'.
10-6	Mixed 15 sacks of cement and dumped in hole from surface filling from 360' to 285'±. Filled hole with dirt from 285' to 50'. Mixed 10 sacks of cement and filled 7" casing with cement from 50' to surface. Installed 4' steel pipe as monument. Well abandoned.

REQUIRES REVIEW OF ALL DATA
 DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

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 OCT 11 1982
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History of Oil or Gas Well

Operator Gary Drilling Co. Field or County Coconino Co., Ariz.
 Well "Buckskin Mountain" 1-13 Sec. 13, T41 N., R 2 E, GS B&M
 A.P.I. No. 02-005-20027 Name Dennis Shea Title Geologist
 Date 10-14-82, 1982 (Person submitting report) (President, Secretary or Agent)

Signature Dennis Shea

7001 Fruitvale Ext., Bakersfield, CA 93308
 (Address)

(805) 589-0111
 (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

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API # 02-005-20027
 PERMIT # C0831

DIVISION OF OIL AND GAS

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 OCT 11 1962
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LOG AND CORE RECORD OF OIL OR GAS WELL

Operator Gary Drilling Co. Field Wildcat - Coconino Co., Ariz.
 Well No. "Buckskin Mountain" 1-13 Sec. 13, T. 41 N., R. 2 E., G.S.R. MB 1006

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
					<u>DESCRIPTION</u>
0	10				Clay, red, sticky, calcareous with angular fragments of white, red and buff chert, NOSCOF.
10	20				Limestone, buff - light yellow, soft, weathered, porous, with angular fragments of white chert, blue white mineral fluorescence, NOSCOF.
20	30				Limestone and chert as above, NOSCOF.
30	40				Limestone, buff - light yellow and light gray with black specks of unknown origin (possibly tar, but does not cut), minor chert, NOSCOF.
40	50				Limestone and chert, as above, NOSCOF.
50	60				Limestone and chert, as above, NOSCOF.
60	70				Limestone and chert as above, with fragments white - light gray dolomitic limestone or dolomite, NOSCOF.
70	80				Chert, dolomitic, white, hard, dense, NOSCOF.
80	90				Dolomite, white cherty, hard, dense, crystalline, NOSCOF.
90	100				Limestone, buff - light yellow and white cherty dolomite as above, NOSCOF.
100	110				Limestone and chert, as above, NOSCOF.
110	120				Limestone and dolomite and chert as above, NOSCOF.
120	130				Limestone and chert as above, porous, crystalline, fossiliferous, NOSCOF.
130	140				Limestone, as above, NOSCOF.
140	150				Limestone, as above, NOSCOF.
150	160				Limestone, as above, NOSCOF.

~~SECRET~~
~~CONFIDENTIAL~~
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DIVISION OF OIL AND GAS

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OUT

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LOG AND CORE RECORD OF OIL OR GAS WELL

Operator Gary Drilling Co. Field Wildcat - Coconino Co., Ariz.
Well No. "Buckskin Mountain" 1-13 Sec. 13, T. 41 N, R. 2 E, G.S.R.M. BX 200X

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
					DESCRIPTION
160	170				Limestone and chert and dolomite as above, NOSCOF.
170	180				Limestone and chert and dolomite as above, NOSCOF.
180	190				Limestone and chert, dolomite, as above, NOSCOF.
190	200				Limestone, chert and dolomite as above. Limestone is porous with dark green or black spots of unknown composition, NOSCOF.
200	210				90% Limestone as above, NOSCOF.
210	220				90% Limestone as above, remaining dolomitic chert, NOSCOF.
220	230				Limestone and chert as above, NOSCOF.
230	240				As above.
240	250				Limestone and chert, as above, granular. NOSCOF.
260	270				As above.
270	280				Limestone, predominantly buff, porous, with poss. white - buff, hard, calcareous fine grained sandstone, NOSCOF.
280	290				As above.
290	300				As above.
300	310				Limestone, buff, porous, vuggy, dolomite, white, dense, massive, crystalline, sandstone, white, very fine grained, well sorted, hard, calcareous. NOSCOF.
310	320				Limestone, dolomite and sandstone as above, NOSCOF.

DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

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OCT 21 1982

O & G CONS. COMM.

Operator Gary Drilling Co. Field Wildcat - Coconino Co., Ariz.
 Well No. "Buckskin Mountain" 1-13 Sec. 13, T. 41 N., R. 2 E., G.S.R.M. XXXXX

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
					<u>DESCRIPTION</u>
320	330				Sandstone and dolomite, as above, with abundant crystalline gypsum or anhydrite, NOSCOF.
330	340				Sandstone, as above with minor gypsum or anhydrite and white crystalline limestone, NOSCOF.
340	350				Sandstone, limestone, as above, occasional chert or quartz fragments, NOSCOF.
350	360				Limestone and dolomite, as above, NOSCOF.
360	370				Limestone as above with minor sandstone, NOSCOF.
370	380				Sandstone and limestone as above, with minor porous white limestone. NOSCOF.
380	390				Limestone, buff, porous, vuggy, and tan dense dolomite, sandstone as above, NOSCOF.
390	400				Sandstone, white - buff, very fine grained, calcareous, poss. micro-biotitic?, minor tan dense limestone, NOSCOF.
400	410				Sandstone and limestone, as above with abundant white kaolinitic appearing material, NOSCOF.
410	420				Sandstone, limestone and kaolin? as above, NOSCOF.
420	430				Limestone, sandstone and white material (poss. anhydrite) as above, NOSCOF.
430	440				No returns
440	450				No returns
450	460				Sandstone and limestone as above, minor white material and chert fragments.
460	590				No returns.
590	600				Siltstone, gray-black, sandy, firm, calcareous, micro-biotitic?, with minor tan, hard, dense limestone and black silty sandstone and dolomite.
600	700				No returns.

RECEIVED
Form 9-551-C
(May 1963)

SEP 27 1982

O & G CONS. COMM.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLE COPY
(Other instructions on reverse side)

Copy sent to A2. strip
office Bm B, operator
Form approved. J. Stout Ely NV
Budget Bureau No. 42-R1425. 9-138

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
GARY DRILLING COMPANY, a California corporation

3. ADDRESS OF OPERATOR
7001 Fruitvale Extension, Bakersfield, CA 93308

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
From East quarter corner of Section 13; 330' West
At proposed prod. zone
As above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 28 miles South-Southeast of Fredonia, AZ

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 330'

16. NO. OF ACRES IN LEASE 10,080

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, 3 miles South & 4 miles West
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH 1,000

20. ROTARY OR CABLE TOOLS Air

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
Ground level at site is 6,560' above mean sea level

22. APPROX. DATE WORK WILL START*
As soon as possible

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	20#	100'	12.8 sacks + excess
6-1/4"	4-1/2"	9-1/2#	1000'	80 sacks + excess

5. LEASE DESIGNATION AND SERIAL NO. A-16656
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
 7. UNIT AGREEMENT NAME N/A
 8. FARM OR LEASE NAME "BUCKSKIN MOUNTAIN"
 9. WELL NO. "BUCKSKIN MOUNTAIN" 1-13
 10. FIELD AND POOL, OR WILDCAT Wildcat
 11. SEC, T, R, M, OR BLK. AND SURVEY OR AREA Sec 13 T41N/R2E, G.S.R.M.
 12. COUNTY OR PARISH Coconino
 13. STATE Arizona

MINERALS MANAGEMENT SERVICE
OIL AND GAS

SEP 09 1982

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MINERALS MANAGEMENT SERVICE

18. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Gary Green GARY DRILLING COMPANY
TITLE Secretary/Treasurer DATE September 7, 1982

PERMIT NO. 831 APPROVAL DATE _____

APPROVED BY J. P. Wagner TITLE Dist. Supervisor DATE 9-23-82

CONDITIONS OF APPROVAL, IF ANY: J. P. Wagner
cc: DMM, O & G, Western Region
Oil & Gas Conservation Commission
Phoenix, Arizona
MMS, J. Stout, Ely, Nevada

SEE ATTACHED CONDITIONS AND REQUIREMENTS

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

GARY DRILLING COMPANY, a California corporation SEP 10 1982
 NAME OF COMPANY OR OPERATOR
 7001 Fruitvale Extension PO Box 5218 Bakersfield California 93308
 Address City State

Drilling Contractor
Jim Williams Well Drilling
 Address 414 North Arizona Avenue, Prescott, Arizona 86301

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor Federal A-16656	Well number Buckskin Mtn 1-13	Elevation (ground) 6560'
Nearest distance from proposed location to property or lease line: 330 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: Estimate - 7-1/2 miles	
Number of acres in lease: 10,080	Number of wells on lease, including this well, completed in or drilling to this reservoir: One	
If lease, purchased with one or more wells drilled, from whom purchased: N/A		

Well location (give footage from section lines) 330' West of East quarter corner	Section—township—range or block and survey Sec. 13, T41N/R2E, G.S.R.M.	Dedication (Comply with Rule 105) 80 acres
Field and reservoir (if wildcat, so state) Wildcat	County Coconino	E/2 SE/4 NE/4 & E/2 NE/4 SE/4

Distance in miles, and direction from nearest town or post office
Est 28 miles East-Southeast of Fredonia, Arizona

Proposed depth: 1000'	Rotary or cable tools Air	Approx. date work will start September 20, 1982
Bond Status Attached	Organization Report	Filing Fee of \$25.00
Amount \$10,000	On file (Or attached)	(Attached)

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Secretary/Treasurer of the GARY DRILLING COMPANY (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.

Signature Gary Green
 Date September 7, 1982

Permit Number: 831
 Approval Date: 9-10-82
 Approved By: R. G. ypana
 Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Application to Drill or Re-enter
 File Two Copies

Form No. 3

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO _____
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES N/A NO _____. If answer is "yes," Type of Consolidation _____
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner <u>N/A</u>	Land Description
CERTIFICATION	
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Name <u>GARY GREEN</u></p> <p>Position <u>SECRETARY/TREASURER</u></p> <p>Company <u>GARY DRILLING COMPANY</u></p> <p>Date <u>September 7, 1982</u></p> </div> <div style="width: 45%; border-left: 1px solid black; padding-left: 5px;"> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> </div> </div>	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Date Surveyed <u>September 2, 1982</u></p> <p>Registered Professional Engineer and/or Land Surveyor <u>Phylip John Leslie</u></p> <p>Certificate No. <u>Ariz. L.S. 12320</u></p> </div> <div style="width: 45%; border-left: 1px solid black; padding-left: 5px;"> <p><i>Phylip John Leslie</i></p> </div> </div>	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
7"	20#	K-55 or eq.	surf.	100'	100'	12.8 sacks	Ready-mxi
4-1/2"	9-1/2#	K-55 or eq.	surf.	1000'	1000'	80 sacks	APA "G" *

* - With such additives as actual drilling experience may indicate.



PERMIT TO DRILL

This constitutes the permission and authority from the
**OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,**

To: GARY DRILLING COMPANY
(OPERATOR)

to drill a well to be known as

BUCKSKIN MTN 1-13 FEDERAL
(WELL NAME)

located 2640' FROM NORTH LINE & 330' FROM EAST LINE

Section 13 Township 41 NORTH Range 2 EAST, COCONINO County, Arizona.

The E/2 OF SE/4 NE/4 AND E/2 NE/4 SE/4 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 10th day of September, 1982.

OIL AND GAS CONSERVATION COMMISSION

By R. G. Hanna
Enforcement EXECUTIVE DIRECTOR

PERMIT

00831

RECEIPT NO. 2318

A.P.I. NO. 02-005-20027

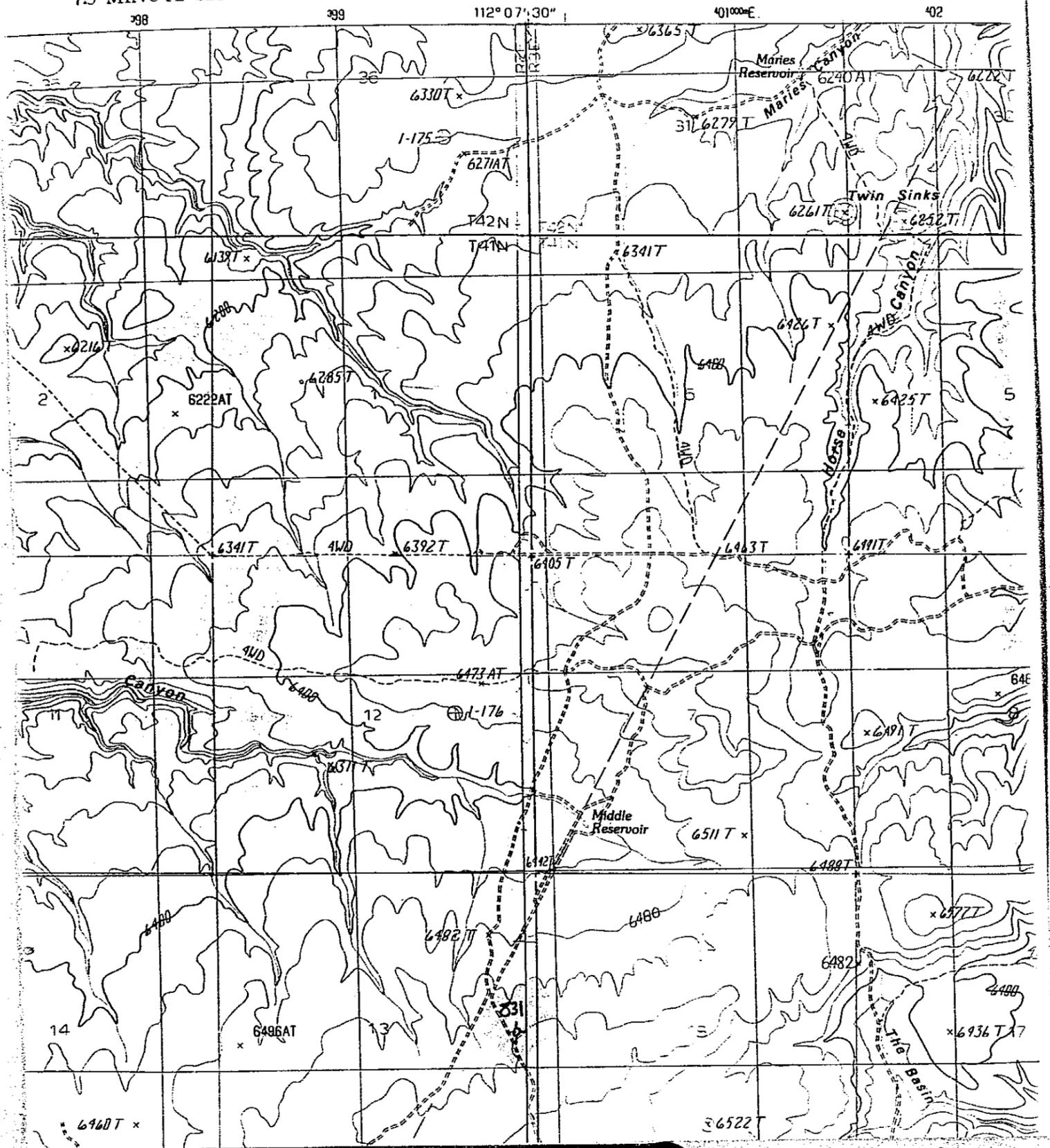
State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

TEN FOOT SAMPLES ARE REQUIRED FROM SURFACE

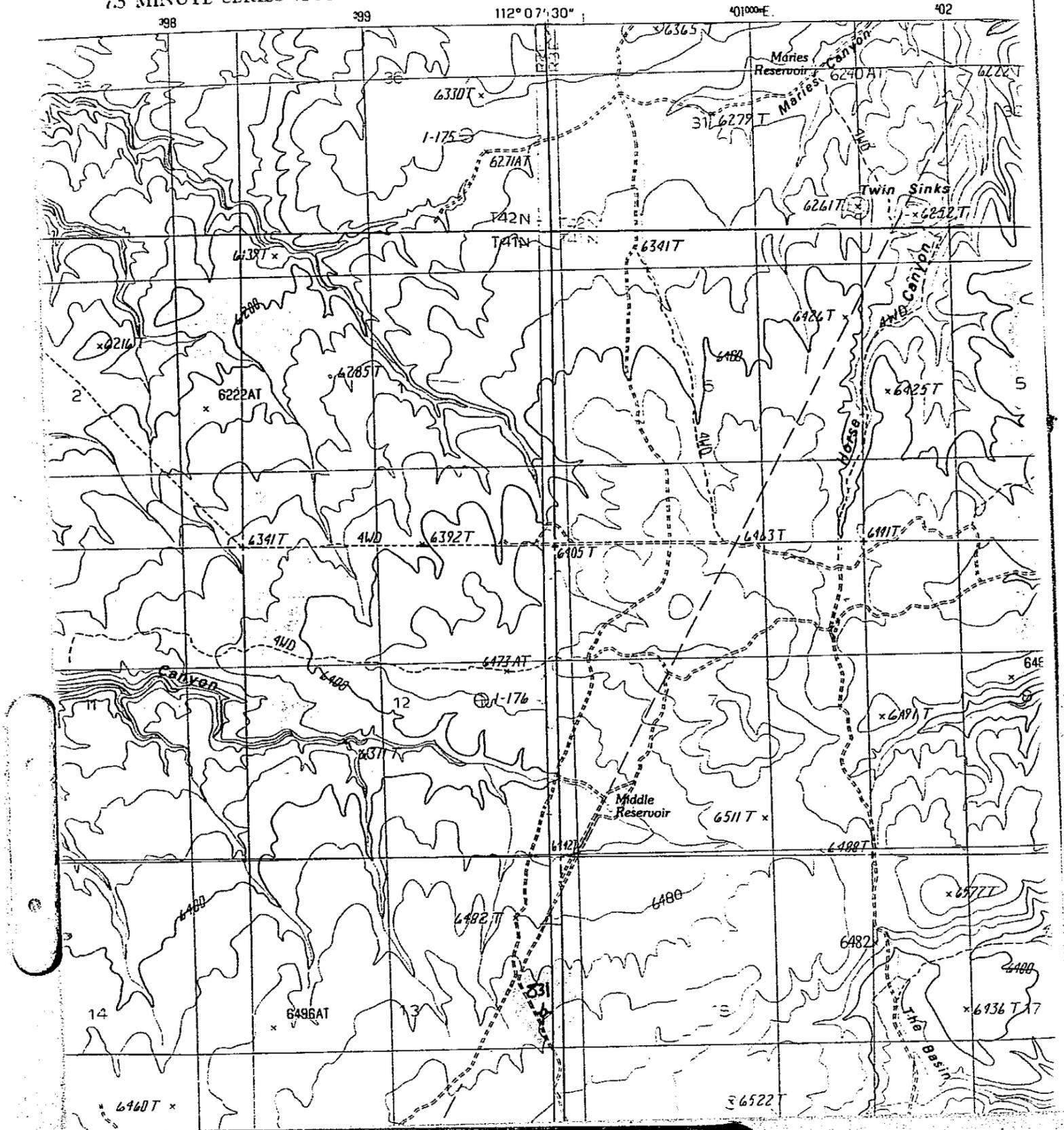
BUCK PASTURE CANYON QUADRANGLE
ARIZONA-COCONINO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



BUCK PASTURE CANYON QUADRANGLE
ARIZONA-COCONINO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY





Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 22, 1996

Ms. Dixie Northcott
P.O. Box 844
Dewy, Arizona 86327

Dear Ms. Northcott:

The information on the Gary Drilling hole in 13-41n-2e that we talked about is enclosed, including the drilling history of the hole from September 22 to October 6, 1982, and the description of formations penetrated from surface to 700 feet.

Note the problems with maintaining circulation and getting the drill cuttings back to the surface. Also note the fish (bit, hammer, stabilizer, and drill pipe) from a depth of 360 to about 490 feet.

Let me know if I may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA

1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 255-5161

October 14, 1983

Ms. Suzanne Bower
Hackney-Hood Insurance
2105 24th Street
Box 1886
Bakersfield, California 93303

RE: Bond No. 2305701
Gary Drilling Co., Principal
Well Nos. 1-13 and 1-28 Federal
Coconino County

Dear Ms. Bower:

The local BLM office has forwarded to this office your letter of October 11, 1983, requesting release of subject bond.

Well No. 1-13 Federal has been plugged and abandoned in compliance with Arizona Rules and Regulations and the permit on Well No. 1-28 Federal has expired. Therefore, this letter constitutes our approval for release of the bond.

If we can be of further assistance, please advise.

Sincerely,

R. A. Ybarra
Rudy A. Ybarra
Enforcement Director

/bha

Mr. Doss -

I am forwarding
this memo to you
as I checked with
Hackney-Hood and find
the bond referred
to is your bond on
Gary Drilling - Federal
Lease A-16656. We have
terminated the period
of liability on our
bond.

Thanks
Linda Kipp
BLM

RECEIVED

OCT 14 1983

O & G CONS. COMM.

Hackney-Hood Insurance
2105 24th STREET • BOX 1886 • BAKERSFIELD, CALIF. 93303
(805)327-7414

RECEIVED
B.L.M. AZ STATE OFFICE

OCT 13 1983

07.45 A.M.
PHOENIX, ARIZONA

October 11, 1983

United States Department of the Interior
Bureau of Land Management
Arizona State Office
2400 Valley Bank Center
Phoenix, Arizona 85073
Attn: Mario L. Lopez

RECEIVED

OCT 14 1983

D & G CONS. COMM.

Re: Bond # 2305701
Gary Drilling Company, Principal
Wells Sec. 28, R2E, T41N and Sec. 13, R2E, T41N

Dear Mr. Lopez,

Gary Drilling Company has asked me to obtain from you a release on the above listed bond in order for us to cancel it. We did receive from your office recently, a release on Gary Drilling's bond # 2-305-702-8 and we have processed cancellation on that bond.

Please let me know if you are unable to release this bond at this time. Thank you for your cooperation.

Sincerely,

Suzanne Bower
Suzanne Bower
Hackney-Hood Insurance

PERFORMANCE BOND
KNOW ALL MEN BY THESE PRESENTS

RECEIVED
SEP 10 1982

Bond Serial No. 2-305-701-8 O & G CONS. COMM.

That we: GARY DRILLING COMPANY, INC.
of the County of KERN in the State of CALIFORNIA
as principal, and THE OHIO CASUALTY INSURANCE COMPANY
of HAMILTON, OHIO

AUTHORIZED TO DO BUSINESS WITHIN THE STATE OF ARIZONA.
as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of TEN THOUSAND DOLLARS & 00/100 - - - - (\$10,000.00) - - - 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 conditions of this obligation are 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 28, R2E, T4IN AND SEC 13, R2E, T4IN

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

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the 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 and Gas Conservation Commission all notices and records required by said Commission, then 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, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 16th. day of August, 19 82

GARY DRILLING COMPANY, INC.

Principal

WITNESS our hands and seals, this 16th. day of August, 19 82

THE OHIO CASUALTY INSURANCE COMPANY

100 So. Ellsworth Avenue, San Mateo, California 94401

H. D. Elvidge Surety Attorney-in-Fact.

William F. Lachemacher (Surety, Resident Arizona Agent if issued in a state other than Arizona) Phoenix, Arizona

(If the principal is a corporation, the bond 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 9-10-82
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: R. A. Yana

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies
Form No. 2

Permit No. 8314832

CERTIFIED COPY OF POWER OF ATTORNEY
THE OHIO CASUALTY INSURANCE COMPANY

HOME OFFICE, HAMILTON, OHIO

No. 13-053

Know All Men by These Presents: That THE OHIO CASUALTY INSURANCE COMPANY, in pursuance of authority granted by Article VI, Section 7 of the By-Laws of said Company, does hereby nominate, constitute and appoint:

H. D. Elvidge - - - - - of San Mateo, California - - - -
its true and lawful agent and attorney -in-fact, to make, execute, seal and deliver for and on its behalf as surety, and as its act and deed Any and all bonds, recognizances, stipulations or undertakings excluding, however, any bonds or undertakings guaranteeing payment of loans, notes or the interest thereon. - - - - -

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 office in Hamilton, Ohio, in their own proper persons.



In WITNESS WHEREOF, the undersigned officer of the said The Ohio Casualty Insurance Company has hereunto subscribed his name and affixed the Corporate Seal of the said The Ohio Casualty Insurance Company this 3rd day of September 19 74.

(Signed) R. M. Schuder

Vice President

STATE OF OHIO }
COUNTY OF BUTLER } ss.

On this 3rd day of September A. D. 19 74 before

the subscriber, a Notary Public of the State of Ohio, in and for the County of Butler, duly commissioned and qualified, came R. M. Schuder, Vice President - - - - - of THE OHIO CASUALTY INSURANCE COMPANY, 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 deposed 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 officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.



IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal at the City of Hamilton, State of Ohio, the day and year first above written.

(Signed) Dorothy Bibee

Notary Public in and for County of Butler, State of Ohio

My Commission expires December 9, 1976.

This power of attorney is granted under and by authority of Article VI, Section 7 of the By-Laws of the Company, adopted by its directors on April 2, 1954, extracts from which read:

"ARTICLE VI"

"Section 7. Appointment of Attorney-in-Fact, etc. The chairman of the board, the president, any vice-president, the secretary or any assistant secretary shall be and is hereby vested with full power and authority to appoint attorneys-in-fact for the purpose of signing the name of the Company as surety to, and to execute, attach the corporate seal, acknowledge and deliver any and all bonds, recognizances, stipulations, undertakings or other instruments of suretyship and policies of insurance to be given in favor of any individual, firm, corporation, or the official representative thereof, or to any county or state, or any official board or boards of county or state, or the United States of America, or to any other political subdivision."

This instrument is signed and sealed by facsimile as authorized by the following Resolution adopted by the directors of the Company on May 27, 1970:

"RESOLVED that the signature of any officer of the Company authorized by Article VI Section 7 of the by-laws to appoint attorneys in fact, the signature of the Secretary or any Assistant Secretary certifying to the correctness of any copy of a power of attorney and the seal of the Company may be affixed by facsimile to any power of attorney or copy thereof issued on behalf of the Company. Such signatures and seal are hereby adopted by the Company as original signatures and seal, to be valid and binding upon the Company with the same force and effect as though manually affixed."

CERTIFICATE

I, the undersigned Assistant Secretary of The Ohio Casualty Insurance Company, do hereby certify that the foregoing power of attorney, Article VI Section 7 of the by-laws of the Company and the above Resolution of its Board of Directors are true and correct copies and are in full force and effect on this date.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the Company this 16th day of August A. D., 1982



Assistant Secretary

ORGANIZATION REPORT

RECEIVED *AKS*

Full Name of the Company, Organization, or Individual
GARY DRILLING COMPANY, A CALIFORNIA CORPORATION

Post Office Address (Box or Street Address)
7001 FRUITVALE EXTENSION, BAKERSFIELD, CALIFORNIA 93308 *O & G CONS. COMM.*

Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or individual)
CORPORATION

Purpose of Organization (State type of business in which engaged)
OIL WELL DRILLING

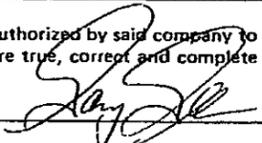
If a reorganization, give name and address of previous organization.
N A

SEP 10 1982

If a foreign corporation, give (1) State where incorporated	(2) Name and post office address of state agent	(3) Date of permit to do business in state
N A	N A	N A
Principal Officers or Partners (if partnership) NAME	TITLE	POST OFFICE ADDRESS
EDWARD C. GREEN	PRESIDENT	7001 FRUITVALE EXTENSION BAKERSFIELD, CALIFORNIA 93308
DOROTHY SUE GREEN	VICE-PRESIDENT	SAME AS ABOVE
GARY C. GREEN	SECRETARY/TREASURER	SAME AS ABOVE

DIRECTORS NAME	POST OFFICE ADDRESS
SAME AS ABOVE	

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the SECRETARY/TREASURER of the GARY DRILLING COMPANY (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.



 Signature
 AUGUST 23, 1982

 Date

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Organization Report
 File One Copy
 Form No. 1

September 10, 1982

Mr. Otis Mallory
Gary Drilling Company
P.O. Box 5218
Bakersfield, Calif. 93308

Re: State Permit 831, Buckskin Mtn 1-13 Federal
State Permit 832, Buckskin Mtn 1-28 Federal

Dear Mr. Mallory:

Enclosed are approved application for permit to drill, permit, receipt, and approved performance bond for the above referenced wells.

Also enclosed are instructions for progress reports and handling well samples.

If we may be of further assistance, please advise.

Sincerely,

R. A. Ybarra
Enforcement Director

/os
Encl.

OFFICE PHONE 589-0111

ED GREEN - PRESIDENT
GARY GREEN - SECRETARY

GARY DRILLING COMPANY

7001 FRUITVALE EXT.
P.O. BOX 5218
BAKERSFIELD, CALIFORNIA 93308
CONTRACTORS LICENSE 222619

September 8, 1982

RECEIVED

SEP 10 1982

O & G CONS. COMM.

Mr. A. K. Doss
Arizona Oil and Gas Conservation Commission
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Dear Mr. Doss:

After talking with you this morning, I met with my supervisor and it was decided to not request a waiver on the ten percent rule. Also, it was decided not to deepen the proposed wells (applications enclosed) but to move over and drill a "grass roots" well if we decide to take a look at deeper formations.

Enclosed are two applications for permits to drill. If there are questions, please contact me at the phone number or address on the letterhead.

Very sincerely,

GARY DRILLING COMPANY

Otis Mallory
Otis Mallory, Landman

OM:brs
enc.

DATE	CHECK NO.	GROSS AMOUNT	OTHER DEDUCTIONS	% DISC.	DISCOUNT	NET CHECK
9-8-82	1443	5000				5000

DETACH THIS STUB BEFORE DEPOSITING

GARY DRILLING CO

