N. M. O. C. C. COPY

Copy to SF

Form approved.
Budget Bureau No. 42-R1424.

(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: NM-02500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: Hackberry Hills Unit

2. NAME OF OPERATOR: Gulf Oil Corporation

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: Box 670, Hobbs, NEW Mexico 88240

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 880' FSL & 2130' FEL, Section 1, 22-S, 25-E

10. FIELD AND POOL, OR WILDCAT: Hackberry Hills Canyon Gas

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 1, 22-S, 25-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3573' DF

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Acidized			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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.)*

9670' PB.

Pumped 1000 gallons of 15% HCL acid down t ubing over 5-1/2" perforations 9622' to 9654'. Flushed with 40 barrels of brine water. Maximum pressure 1200#, minimum 100#, ISIP 0#. Swabbed and cleaned up and returned well to production.

RECEIVED
FEB 9 1972
O. C. C.
ARTESIA, OFFICE

RECEIVED
FEB 8 - 1972
U. S. GEOLOGICAL SURVEY

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

SIGNED Wm Fine TITLE Petroleum Engineer DATE February 7, 1972

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
FEB - 8 1972
BEEKMAN

*See Instructions on Reverse Side

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RECEIVE

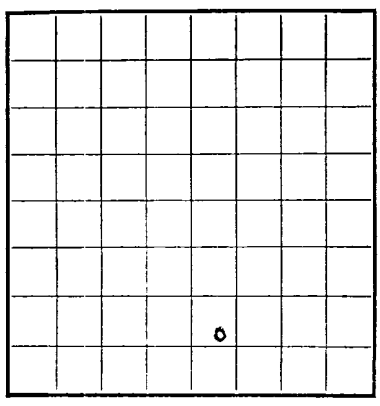
Budg... ureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. Land Office AUG 2 3 1961

Serial Number

Lease or Permit to Prospect NM-02500 (Superior)



LOCATE WELL CORRECTLY

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEX.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico

Lessor or Tract Hackberry Hills Unit Field Wildcat State New Mexico

Well No. 1 Sec. 1 T. 22S R. 25E Meridian NMPM County Eddy

Location 880 ft. {N./S.} of S. Line and 2130 ft. {E./W.} of E. Line of Sec. 1-22S-25E Elevation 3573'
(Derrick floor relative to sea level)

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

Date August 18, 1961 Title Area Production Manager

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

Commenced drilling February 21, 19 61 Finished drilling June 21, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9622 to 9654' G. No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
16"	75#	Unk.	Unk.	95'	Guide				Conductor Pipe
10-3/4	40.5#	8 RT	Unk.	2557'	"				Surface Pipe
7-5/8"	26.4#	Unk.	X-line	8346'	"				Intermediate
5-1/2"	17#	Speedtite	Unk.	11,532'	"		9622	9654'	Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	100'	200	Pump & Plug		
10-3/4	2585'	750	" " "		
7-5/8"	8373'	865	" " "		
5-1/2"	8241-9723'	245	" " "		

MARK

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 100 feet to 11,536 feet, and from feet to feet

Cable tools were used from 0 feet to 100 feet, and from feet to feet

DATES

, 19 Put to producing August 15, 19 61

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 2,841,000 Gallons gasoline per 1,000 cu. ft. of gas 67.0

Rock pressure, lbs. per sq. in. 2881

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2'		Soil
	12		Gravel
	25		Caliche
	44		Gray Lime
	55		Lime & Sand
	100		Gray Lime
	363		Shale & Rock
	1234		Shale & Lime
	1337		Lime
	2064		Lime & Shale
	2092		Lime & Sand
	2215		Lime & Shale
	2590		Lime & Sand
	4650		Lime & Shale
	4750		Lime
	4873		Lime & Shale
	5161		Lime
	5503		Lime & Shale
	6048		Lime & Chert
	6412		Lime & Shale
	6448		Shale & Sand
	6548		Lime & Shale
	6626		Sandy Lime
	7613		Lime & Shale
	7839		Lime, Shale & Sand
	8737		Lime & Shale

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
	8818'		Lime
	9045		Lime, Shale & Chert
	Sidetracked		
8514'	8601		Lime, Shale & Cement
	9362		Lime & Shale
	9430		Lime, Shale & Sand
	9837		Lime & Shale
	10,003		Lime, Shale & Sand
	10,284		Lime & Shale
	10,309		Lime, Shale & Chert
	10,425		Lime & Shale
	10,510		Lime & Chert
	10,621		Lime & Shale
	10,641		Lime & Chert
	10,667		Lime, Shale & Chert
	10,688		Lime & Shale
	10,714		Lime, Sand & Chert
	10,736		Lime, Shale & Chert
	10,768		Lime, Sand & Chert
	10,779		Lime, Shale & Chert
	10,806		Sand & Chert
	10,832		Lime, Shale & Chert
	10,929		Lime & Shale
	10,939		Lime & Sand
	10,977		Lime, Shale & Sand
	10,980		Lime & Shale
	11,012		Lime, Sand & Shale
	11,026		Sand & Shale
	11,033		Sand
	11,039		Sand & Shale
	11,103		Shale & Lime
	11,115		Shale & Sand
	11,159		Lime, Sand & Shale
	11,177		Lime, Sand, Chert & Shale
	11,211		Sand & Shale
	11,268		Sand, Lime & Shale
	11,272		Lime & Sand
	11,317		Shale & Sand
	11,330		Lime, Sand & Shale
	11,350		Shale & Sand
	11,536		Shale
			PB to 9670'

GEOLOGICAL TOPS

Delaware	2195'
Bone Spring	4648
Wolfcamp	8279
Pennsylvanian	9293
Miss. limestone	11,510

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Left 7-5/8 drill collars in hole at 9045'. Plugged back with cement to 8440'. Drilled out to 8470'. Set whipstock at 8470'. Drilled back into old hole at 8485'. Set whipstock #2 at 8521'. Drilled back into old hole at 8562'. Ran bit with knuckle joint. Successfully sidetracked old hole.

Treated perfs 9622-9654' with 1000 gals mud cleanout acid.

Flowed at rate of 2841 MCFGPD thru 2-3/8" tbg 17/64" choke with FTP of 2156#. Absolute open flow potential 6800 MCFGPD.

Completed 8-15-61 as a shut-in Wildcat gas well.