

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State ☐ Fee ☒
5. State Oil & Gas Lease No.
7. Unit Agreement Name N. HOBBS (G/SA) UNIT
8. Farm or Lease Name SECTION 19
9. Well No. 142
10. Field and Pool, or Wildcat HOBBS (G/SA)
12. County LEA

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER <u>SA ZONE II, IIIu INJECTOR</u>
2. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐
3. Name of Operator SHELL OIL COMPANY

4. Address of Operator P. O. BOX 991, HOUSTON, TX 77001
6. Location of Well

WIT LETTER M LOCATED 1200 FEET FROM THE SOUTH LINE AND 1300 FEET FROM

11. WEST LINE OF SEC. 19 TWP. 18-S RGE. 38-E NMPM	15. Date Spudded 12-13-80	16. Date T.D. Reached 12-21-80	17. Date Compl. (Ready to xxx inject) 7-12-81	18. Elevations (DF, RKB, RT, GR, etc.) 3659.9' GR	19. Elev. Casinghead ----
20. Total Depth 4510'	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐	25. Was Directional Survey Made NO	
24. Producing Interval(s), of this completion - Top, Bottom, Name 4110' - 4272' SAN ANDRES					27. Was Well Cored NO
26. Type Electric and Other Logs Run BHC, SNP, DLL					

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1600'	12 1/4"	625 sx LITE + 250 sx C1 C	
5 1/2"	14#	4510'	7 7/8"	650 sx LITE + 250 sx C1 C	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	4021'
						4021'

31. Perforation Record (Interval, size and number) Perf'd 5 1/2" csg 4110' - 4272' (142 1/2" holes)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 4110' - 4272' AMOUNT AND KIND MATERIAL USED 6200 gals 15% HCl NEA
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PRODUCTION							
33. Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. 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

LOGS, DEVIATION

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED A. J. Fore A. J. FORE TITLE SUPERVISOR REG./PERMITTING DATE JULY 22, 1981

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in triplicate except on state land, where six copies are required. See Rule 1105.

Southeastern New Mexico

T. Anhy _____

T. Salt _____

B. Salt _____

T. Yates _____ 2663'

T. 7 Rivers _____ 2906'

T. Queen _____ 3421'

T. Grayburg _____ 3746'

T. San Andres _____ 4018'

T. Glorieta _____

T. Paddock _____

T. Blinbry _____

T. Tubb _____

T. Drinkard _____

T. Abo _____

T. Wolfcamp _____

T. Penn. _____

T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____

T Ojo Alamo _____
T Kirtland-Fruitland _____
T Pictured Cliffs _____
T Cliff House _____
T Menefee _____
T Point Lookout _____
T Mancos _____
T Gallup _____
Base Greenhorn _____
T Dakota _____
T Morrison _____
T Todilto _____
T Entrada _____
T Wingate _____
T Chinle _____
T Permian _____
T Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2663'		SALT, ANHYDRITE				
2663	3421'		DOLOMITE, SAND, SHALE				
3421	4290'		DOLOMITE				

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Figs. 1-3. 1. *Phragmites* (1990). 2. *Phragmites* (1991). 3. *Phragmites* (1992).

JUL 27 1981

INCLINATION REPORT

OPERATOR SHELL OIL CO. ADDRESS BOX 991, HOUSTON, TX 77001
 LEASE NAME N.H.U. 19 WELL NO. # 142 FIELD HOBBS (G/SA)
 LOCATION UNIT LETTER M, 1200 FSL, 1300 FWL, SECTION 19, T-18-S, R-38-E

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
500	1/4	2.2000	2.2000
982	3/4	6.3142	8.5142
1600	3/4	8.0958	16.6100
2095	1 1/4	10.7910	27.4010
2595	1	8.7500	36.1510
3085	1 1/4	10.6820	46.8330
3529	1 1/4	9.6792	56.5122
4000	1	8.2425	64.7547
4510	1	8.9250	73.6797

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

Denise Leake
 TITLE OFFICE MANAGER

AFFIDAVIT:

Before me, the undersigned authority, appeared DENISE LEAKE
 known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Denise Leake
 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 23 day of DECEMBER, 19 80



SEAL

Notary Public in and for the County
 of Lea, State of New Mexico