

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ SA ZONE II, IIIu
OTHER INJECTORTYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

Name of Operator

SHELL OIL COMPANY
Address of OperatorP. O. BOX 991, HOUSTON, TX 77001
Location of Well7. Unit Agreement Name
N. HOBBS (G/SA) UNIT

8. Farm or Lease Name

SECTION 20

9. Well No.

233

10. Field and Pool, or Wildcat

HOBBS (G/SA)

WELL LETTER K LOCATED 1610 FEET FROM THE SOUTH LINE AND 1850 FEET FROM

THE WEST LINE OF SEC. 20 TWP. 18-S AGE. 38-E NMPM

13. Date Spudded 1-24-81 16. Date T.D. Reached 2-6-81 17. Date Compl. (Ready to Prod.) 7-18-81 inject 18. Elevations (DF, RKB, RT, GR, etc.) 3648' 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 X

24. Producing Interval(s), of this completion - Top, Bottom, Name

4258' - 4292' San Andres

Type Electric and Other Logs Run

BHC, SNP, DLL

25. Was Directional Survey Made

no

27. Was Well Cored

NO

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#	1400'	12 1/2"	600 sx LITE + 250 sx C1 C	
5 1/2"	14#	4510'	7 7/8"	800 sx LITE + 250 sx C1 C	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	4168'

Perforation Record (Interval, size and number)

Perf'd 5 1/2" csg 4258' - 4292'
(42 1/2" holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4258' - 4292'	3100 gals 15% HCl NEA acid

PRODUCTION
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 AUGUST 17, 1981

INSTRUCTIONS

Data 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 reopened 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 quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2742'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2987'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3522'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3866'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4770'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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 _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2742'		SALT, ANHYDRITE				
2742	3522'		DOLOMITE, SAND, SHALE				
3522	4400'		DOLOMITE				

RECEIVED
 APR 4 1931
 DISTRICT OFFICE

INCLINATION REPORT

OPERATOR SHELL OIL CO. ADDRESS BOX 991, HOUSTON, TX 77001
 LEASE NAME N.H.U., 20 WELL NO. #233 FIELD HOBBS (G/SA)
 LOCATION UNIT LETTER K, 1610 FSL AND 1850 FWL, SECTION 20, T-18-S, R-38-E

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
500	1/4	2.2000	2.2000
1013	1	8.9775	11.1775
1505	1 1/4	10.7256	21.9031
1985	1 1/2	12.5760	34.4791
2480	1 1/2	12.9690	47.4481
2975	1 1/2	12.9690	60.4171
3500	1 3/4	16.0125	76.4296
4400	1	15.7500	92.1796
4510	3/4	1.4410	93.6206

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

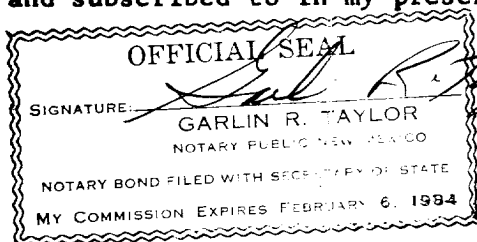
Denise Leake
 TITLE OFFICE MANAGER

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 10 day of FEBRUARY, 19 81



SEAL

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