Submit to Appropriate District Office
State Lease – 6 copies
Fee Lease – 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-025-34611
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER
7. Lease Name or Unit Agreement Name: Sarah Johnston
2. Name of Operator: Home-Stake Oil & Gas Company
8. Well No.: 2
3. Address of Operator: 15 E. 5th Street, Suite 2800 Tulsa, OK. 74103
9. Pool name or Wildcat: South McCormack, Silurian
4. Well Location
SHL Unit Letter J : 1600 Feet From The South Line and 2288 Feet From The East Line
BHL 1363 S 2516 E
Section 22 Township 22S Range 37E NMPM Lea County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF & RKB, RT, GR, etc.)	14. Elev. Casinghead
5/7/99	6/6/99	7/23/99	3351' GL 3369' KB	3353'

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
7475'	7205'	N/A		0-TD	None

19. Producing Interval(s), of this completion - Top, Bottom, Name: Drinkard 6350'-6493'
20. Was Directional Survey Made: Yes
21. Type Electric and Other Logs Run: Induction, Density/Neutron
22. Was Well Cored: No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	397'	17 1/2"	440 sx Cl 'C' to surface	-0-
8 5/8"	32#	3400'	11"	800 sx Cl 'C' to surface	-0-
5 1/2"	15.5#	7472'	7 7/8"	955 sx Cl 'C'	-0-

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
None				

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	6305'	6305'

26. Perforation record (interval, size, and number) 1 SPF/23 Holes:
6350, 6364, 6370, 6387, 6401, 6408, 6410, 6411, 6416, 6428, 6430, 6438, 6442, 6446, 6448, 6453, 6461, 6466, 6467, 6485, 6486, 6493, 6444

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6350'-6493'	3,000 gals 15% HCl acid
6350'-6493'	46,000 gals gel & 112,700# 20/40sd

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
7/23/99	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7/25/99	24	20/64"		126	435	25	3452

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
100#	0		126	435	25	38.8

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold - GPM
Test Witnessed By: B. Dean
30. List Attachments: Electric Logs, Deviation Survey

31. 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

Signature [signature] Printed Name Larry Tarwater Title Production Engineer Date 7/26/99

INSTRUCTIONS

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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate 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"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian 7,233	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya 7,286	T. Mancos	T. McCracken
T. San Andres 3990	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 5040	T. McKee	Base Greenhorn	T. Granite
T. Paddock 5210	T. Ellenburger	T. Dakota	T.
T. Blinebry 5420	T. Gr. Wash	T. Morrison	T.
T. Tubb 6015	T. Delaware Sand	T. Todilto	T.
T. Drinkard 6345	T. Bone Springs	T. Entrada	T.
T. Abo 6900	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permain	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 6410 to 6588 No. 3, from 5420 to 5580

No. 2, from 6015 to 6070 No. 4, from 5210 to 5290

No. 5, From 5040 to 5170 No. 6, From 3990 to 4160

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 .....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
Surface	700	700	Sand & Conglomerate				
700	2500	1800	Anhydrites & Shales				
2500	3600	1100	Dolomites & Anhydrites				
3600	3990	390	Sandy Dolomite				
3990	6900	1910	Dolomites & Shale				
6900	7233	333	Limestone & Dolomite				