

Submit to Appropriate
District Office
State Lease - 6 copies
Federal 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

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.
30-015-30560

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-8617

7. Lease Name or Unit Agreement Name
Spurck 15 State Com

8. Well No.
1

9. Pool name or Wildcat
Empire Penn

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 ☐

2. Name of Operator
Yates Drilling Company

3. Address of Operator
105 South 4th Street, Artesia, NM 88210

4. Well Location
Unit Letter D : 660 Feet From The North Line and 660 Feet From The West Line
Section 15 Township 17S Range 28E NMPM Eddy County

10. Date Spudded
3-4-00

11. Date T.D. Reached
4-14-00

12. Date Compl. (Ready to Prod.)
5-11-00

13. Elevations (DF & RKB, RT, GR, etc.)
3523 GR

14. Elev. Casinghead
-

15. Total Depth
10230'

16. Plug Back T.D.
9860'

17. If Multiple Compl. How Many Zones?
-

18. Intervals Drilled By
Rotary Tools
40-10230'

19. Producing Interval(s), of this completion - Top, Bottom, Name
9804'-9843' Morrow

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
PEX-HALS; GR-CNL

22. 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
20"		40'	26"	Cement to Surface	
11 3/4"	42#	400'	14 3/4"	450 sxs. - circulated	
8 5/8"	24#	1995'	11"	670 sxs. - circulated	
5 1/2"	17#	10230'	7 7/8"	1675 sxs. - circulated	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	9730'	9730'

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
9804'-9810'	.48"	24 holes		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9821'-9843'	.48"	88 holes		9804-9843	750 gals. 7 1/2% HCL acid
					630,000# N2, 113 tons CO2
					70,000# 20/40 sand

PRODUCTION							
Date First Production 5-11-00		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.	
Date of Test 5-29-00	Hours Tested 24 hrs.	Choke Size -	Prod'n For Test Period	Oil - Bbl. 170	Gas - MCF 4042	Water - Bbl. 1.5	Gas - Oil Ratio
Flow Tubing Press. 2725	Casing Pressure -	Calculated 24-Hour Rate	Oil - Bbl. 170	Gas - MCF 4042	Water - Bbl. 1.5	Oil Gravity - API - (Corr.) 59.9	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By Greg Boans		
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30. List Attachments Deviation Survey, Logs							
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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 <u>Karen J. Leishman</u>		Printed Name <u>Karen J. Leishman</u>		Title <u>Engineering Tech</u>		Date <u>5-31-00</u>	

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 _____ 8409	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 8909	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____ 9466	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 _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1974	T. Simpson _____	T. Gallup _____	T. Ignacio Otzite _____
T. Glorieta _____ 3364	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 5460	T. Morrow Clastics _____ 9778	T. Wingate _____	T. _____
T. Wolfcamp _____ 6567	T. Lower Morrow _____ 9856	T. Chinle _____	T. _____
T. Penn _____	T. Austin Cycle _____ 9928	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Chester Lime _____ 10142	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	400	400	Surface				
400	650	250	Red Bed, Anhydrite				
650	1510	860	Anhydrite				
1510	2000	490	Anhydrite, Redbed, Shale				
2000	6550	4550	Dolomite				
6550	8200	1650	Limestone, Shale				
8200	8450	250	Dolomite				
8450	9650	1200	Limestone, Shale				
9650	9950	300	Chert, Sandstone, Limestone, Shale				
9950	10150	200	Shale				
10150	10230	80	Limestone				