

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

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

FORM O-100
Revised 1-1-89

WELL API NO. 30-025-32582
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-8244
7. Lease Name or Unit Agreement Name Jalmat Field Yates Sand Unit
8. Well No. 158
9. Pool name or Wildcat Jalmat Tansill Y-SR

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 ☐ DEEP RESVR ☐ OTHER ☐

2. Name of Operator
SDX RESOURCES, INC.

3. Address of Operator
P. O. BOX 5061 MIDLAND, TX 79704

4. Well Location
Unit Letter 0 : 1310 Feet From The South Line and 2310 Feet From The East Line

Section 11 Township 22 Range 35 NMPM Lea County
10. Date Spudded 7/11/94 11. Date T.D. Reached 7/20/94 12. Date Compl. (Ready to Prod.) 9/17/94 13. Elevations (DF & RKB, RT, GR, etc.) 3605 GR 14. Elev. Casinghead Same

15. Total Depth 4203 16. Plug Back T.D. 4072 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools X

19. Producing Interval(s), of this completion - Top, Bottom, Name 4030-4062 Yates 4 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run GR-CNL, GR-DLL-MSFL 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
8 5/8"	24.0	480	12 1/2"	250 SX "C"	--
5 1/2"	15.50/14.0	4200	7 7/8"	260 SX "C" (1st)	
				675 SX Howco Lite	
				100 SX "C" (2nd)	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	3990	--

26. Perforation record (interval, size, and number)
4030-4062 81 .40" Holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
4030-4062 Acid-1650 galls 7 1/2
Frac- 18,000 gal, 47,000 #
CO₂ - 50% 12/20 Sand

28. PRODUCTION

Date First Production 9/17/94 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping- 2" x 2 1/2" x 12' TAC Well Status (Prod. or Shut-in) PROD.

Date of Test 9/29/94 Hours Tested 24 Choke Size open Prod'n For Test Period 5 Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio

Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD Test Witnessed By Cam Robbins

30. List Attachments

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 John Pool Title Vice President Date 10/11/94

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

T. Anhy _____	T. Canyon _____
T. Salt <u>1350</u>	T. Strawn _____
B. Salt <u>3500</u>	T. Atoka _____
T. Yates <u>3730</u>	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
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

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
0	400	400	Fresh Water Sands
400	1350	950	Anhydrite
1350	3500	2150	Salt/Anhydrite
3500	3730	250	Anhydrite/Shale/Salt
3730	4203	473	Sandstone/Dolomite/Shale