

Form 3160-4
(July 1989)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
HONOLULU, NEW MEXICO 88240

CONTACT R. VING
OFFICE FOR NUMBER
OF COPIES REQUIRED
(See other instructions on
reverse side)

BLM Roswell District
Modified Form No.
NM060-3160-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-0997	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESER. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Southland Royalty Co.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 51810, Midland, TX 79710-1810		8. FARM OR LEASE NAME Aztec 22 Federal	
3a. AREA CODE & PHONE NO. 915-686-5681		9. WELL NUMBER 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 660' FWL At top prod. interval reported below Same At total depth Same		10. FIELD AND POOL, OR WILDCAT South Corbin (Wolfcamp)	
9a. API WELL NO. 30-025-31278		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec.22, T18S, R33E	
14. PERMIT NO.		12. COUNTY OR PARISH Lea	
DATE ISSUED 6/7/91		13. STATE NM	
15. DATE SPUDDED 7/2/91	16. DATE T.D. REACHED 8/1/91	17. DATE COMPL. (Ready to prod.) 8/10/91	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3862.2' GR
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 11,430		
21. PLUG BACK T.D., MD & TVD 11,370		22. IF MULT-PLE COMPL. HOW MANY*	23. INTERVALS DRILLED BY 0-TD
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 11,252-11,304 , 4 spf, 212 holes		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	48	450'	17-1/2"
8/5/8"	28	2900'	12-1/4"
5-1/2"	17	11,430'	7-7/8"
		CEMENTING RECORD	
		475sx C/C+2% CC, circ 140 surf	
		1000 sx C, tail w/250 sx C	
		540 sx & 275 tail; circ 114 sx.	
		650 sx & 350 sx 2nd stage	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	11,149'		
31. PERFORATION RECORD (Interval, size, and number) 11,252 - 11,304, 4 spf, 212 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH - INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
11252-11304		acd z w/5400 g 15% NEFE & 300 BS.	
33.* PRODUCTION			
DATE OF FIRST PRODUCTION 8/10/91		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 8/12/91	HOURS TESTED 18	CHOKE SIZE 24/64	PROD'N. FOR TEST PERIOD 457
OIL - BBL. 343	GAS - MCF. 480	WATER - BBL. 19	GAS - OIL RATIO
FLOW. TUBING PRESS. 260	CASING PRESSURE 0	CALCULATED 24 HOUR RATE 457	OIL - BBL. 457
GAS - MCF. 640	WATER - BBL. 25	OIL GRAVITY - API (CORR.) 40	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold		TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Inclination Survey, C-104, Plat, Logs, C-103			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>[Signature]</u>		TITLE Regulatory Compliance Rep.	
DATE August 12, 1991			

*(See Instructions and Spaces for Additional Data on Reverse Side)

3. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

38. GEOLOGIC MARKERS

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
		BOTTOM			MEAS. DEPTH	TRUE VERT. DEPTH
QUATERNARY	0	400'	SANDSTONE, SILT & PEBBLES	RUSTLER	1492'	
RIASSIC	400'	1492'	SHALE & SAND	QUEEN	4220'	
RUSTLER	1492'	4220'	ANYHIRETE	SAN ANDRES	4826'	
QUEEN	4220'	4826'	SANDSTONE	DELAWARE	5100'	
SAN ANDRES	4826'	5100'	DOLomite	BONE SPRING	7242'	
DELAWARE	5100'	7242'	SAND & SHALE	1ST BONE SPRING	8552'	
HING	7242'	8558'	LIMESTONE	2ND BONE SPRING	9164'	
1ST BONE SPRING	8558'	9164'	SAND & SHALE	3RD BONE SPRING	10,096	
2ND BONE SPRING	9164'	10,096	SAND & SHALE	WOLFCAMP	10,862	
3RD BONE SPRING	10,096	10,862	SAND & SHALE			
WOLFCAMP	10,862	TD	LIMESTONE			

SEP 23 1991
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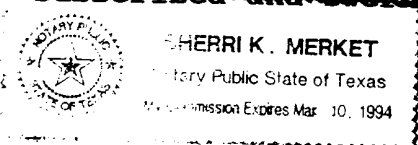
WELL Aztec Fed (22) #2LOCATION Sec 22-18S-33E Lea County, NM 6607. + 30
(Give Unit, Section, Township, And Range)OPERATOR Meridian Oil Inc. P. O. Box 51810 Midland, TX 79710DRILLING CONTRACTOR Exeter Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4 214'</u>	<u>1 3/4 5,455'</u>	
<u>3/4 450'</u>	<u>1 5,905'</u>	
<u>1 910'</u>	<u>1 6,404'</u>	
<u>1/2 1,387'</u>	<u>3/4 6,899'</u>	
<u>1/2 1,793'</u>	<u>1 7,394'</u>	
<u>3/4 2,289'</u>	<u>1 7,922'</u>	
<u>1 3/4 2,588'</u>	<u>1 1/2 8,225'</u>	
<u>2 2,682'</u>	<u>4 1/2 8,702'</u>	
<u>3 2,775'</u>	<u>2 8,762'</u>	
<u>2 2,837'</u>	<u>2 8,824'</u>	
<u>2 1/4 2,900'</u>	<u>1 1/2 9,013'</u>	
<u>2 2,960'</u>	<u>3/4 9,510'</u>	
<u>1 1/2 3,195'</u>	<u>1/2 10,007'</u>	
<u>1 3,506'</u>	<u>1/2 10,207'</u>	
<u>1 1/4 4,000'</u>	<u>1 10,705'</u>	
<u>1 1/2 4,500'</u>	<u>3/4 11,210'</u>	
<u>1 1/2 4,770'</u>	<u>1/2 11,430'</u>	
<u>2 5,264'</u>		

Drilling Contractor EXETER DRILLING CO.By Bob Lange

Bob Lange, Drilling Engineer-Southern Div

~~Subscribed and sworn~~ to before me this 09th day of August, 1991.Notary Public Sherri K. Merket

Sherri K. Merket

My commission expires: 3-10-94Midland County, Texas