

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RE- VING
OFFICE FOR NUMBER
OF COPIES REQUIRED
(See instructions on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

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 type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESER. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																									
2. NAME OF OPERATOR Southland Royalty Company		7. UNIT AGREEMENT NAME																									
3. ADDRESS OF OPERATOR 21 Desta Dr., Midland, TX 79705		8. FARM OR LEASE NAME Federal "MA"																									
3a. AREA CODE & PHONE NO. 915-686-5600		9. WELL NUMBER 2																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 660' FEL At top prod. interval reported below At total depth		10. FIELD AND POOL, OR WILDCAT West Corbin (Bone Spring)																									
9a. API WELL NO. 30-025-22096		12. COUNTY OR PARISH Lea																									
14. PERMIT NO.		13. STATE NM																									
15. DATE SPUNNED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.) 11/06/90 (Plug Back)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3825.9' GR.																								
19. ELEV. CASINGHEAD 3825.9'	20. TOTAL DEPTH, MD & TVD 13,463'																										
21. PLUG BACK T.D., MD & TVD 9,770'	22. IF MULTIPLE COMPL. HOW MANY* N.A.	23. INTERVALS DRILLED BY 0-TD	24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 9550'-9660' 2nd Bone Spring																								
25. WAS DIRECTIONAL SURVEY MADE No			26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/CCL/GR																								
27. WAS WELL CORED No			28. CASING RECORD (Report all strings set in well)																								
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>13-3/8"</td><td>48</td><td>349'</td><td>17-1/2"</td><td>300 sx-Circulated</td><td></td></tr><tr><td>8-5/8"</td><td>32</td><td>4,894'</td><td>11"</td><td>900 sx</td><td></td></tr><tr><td>5-1/2"</td><td>20; 17</td><td>13,463'</td><td>7-7/8"</td><td>1000 sx</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13-3/8"	48	349'	17-1/2"	300 sx-Circulated		8-5/8"	32	4,894'	11"	900 sx		5-1/2"	20; 17	13,463'	7-7/8"	1000 sx	
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31. PERFORATION RECORD (Interval, size, and number) 9550'-9600'-2 spf, 90 degree phasing (102 holes) 10,438'--Set CIBP & capped w/35' cmt. 9,770'--Set CIBP																											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>9550'-9660'</td><td>sqz w/650 sx Prem.Plus Silicalite</td></tr><tr><td>9550'-9600'</td><td>Reshot. 2500 gal 7-1/2% HCl; 31M gal Hybergel 35 w/29M# 20/40 Ott-awa sand & 85.5M# Super HS sand.</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	9550'-9660'	sqz w/650 sx Prem.Plus Silicalite	9550'-9600'	Reshot. 2500 gal 7-1/2% HCl; 31M gal Hybergel 35 w/29M# 20/40 Ott-awa sand & 85.5M# Super HS sand.																		
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33. PRODUCTION																											
DATE OF FIRST PRODUCTION 11/06/90		PRODUCTION METHOD (Flowing, gas lift, pumping- size and type of pump) 2-1/2" x 1-1/4" x 24' RHBH Pump																									
WELL STATUS (Producing or shut-in) Producing																											
DATE OF TEST 12/10/90	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD 50																								
OIL - BBL. 50	GAS - MCF. 50	WATER - BBL. 15	GAS - OIL RATIO 1000																								
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE 50	OIL GRAVITY - API (CORR.)																								
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold			TEST WITNESSED BY																								
35. LIST OF ATTACHMENTS C-104, Plat																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED Randy L. Brackman		TITLE Sr. Staff Env./Reg. Specialist																									
DATE 12/12/90																											

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