

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M.
211 S. St
Altoona, NM 88401
SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985
CASE DESIGNATION AND SERIAL NO.
NM 63759

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐						7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Sonat Exploration Co. - Midland						8. FARM OR LEASE NAME Lotos "C" Federal Well #903	
3. ADDRESS OF OPERATOR 110 W. Louisiana, Suite 500, Midland, TX 79701 (915) 684-6381						9. API Number 30 015 30043	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 660' FEL, Unit Letter H At top prod. interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT Sand Dunes, Delaware West	
14. PERMIT NO. DATE ISSUED 12-30-97						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 9, T24S, R31E	
15. Date Spudded 2-28-98 16. Date T.D. Reached 3-12-98 17. DATE COMPL (Ready to prod.) 4-4-98 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3445' GR						12. COUNTY OR PARISH Eddy 13. STATE NM	
20. TOTAL DEPTH, MD & TVD 8400'		21. PLUG, BACK T.D., MD & TVD 8359'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)* Delaware @ 8199'-8204', 8146-8166'						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL/CBL						27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
11 3/4"		42#		650'		14 3/4"	
8 5/8"		24#		4163'		11"	
5 1/2"		17#		8400'		7 7/8"	
29. LINER RECORD							
Size		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
Size		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2 7/8"							
31. PERFORATION RECORD (Interval, size and number) Delaware @ 8199'-8204' w/20 holes, 8146-8166' w/80 holes							
32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.							
DEPTH INTERVAL (MD)				AMT. AND KIND OF MATERIAL USED			
8146-8204'				1500 gals 7 1/2% NEFE, 150 BS			
				32,000 gals 30 # crosslink gel			
				III, 275# 20/40 sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 4-6-98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) pumping				WELL STATUS (Producing or PRODUCING)	
DATE OF TEST 4-9-98		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD 63	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL - BBL. 59	
						GAS - MCF. 157	
						WATER - BBL. 937	
						OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) n/a							
35. LIST OF ATTACHMENTS Logs & deviation							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records 915 684-6381 BLM							
SIGNED		TITLE Ann E. Ritchie, Regulatory Agent				DATE 5-21-98	

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTR: BLM(6) NMOC(1)

5-21-98

Sonat Exploration Co.-Midland
Lotos "C" Federal, Well #903, API#30 015 30043

37. 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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS			
				NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH SubSeaDepth
Upper Brushy Canyon Lower Brushy Canyon	6700' 7940'	6860' 8220'	Silt, sand, shale Silt, sand, shale	Rustler Salado Salt Base Salado Salt Delaw Mtn. Grp. Cherry Canyon Brushy Canyon Bone Spring Lm.	518 870 4076 4340' 5270' 6510' 8228'		518' 870' 4076' 4340' 5270' 6510' 8228'

RECEIVED
1998 MAY 28 A 8:07
BUREAU OF LAND MGMT.
ROSWELL OFFICE