

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-065680	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Siete Oil & Gas Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2523, Roswell, NM 88201		8. FARM OR LEASE NAME Blackhawk Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310' FSL, 330' FEL NE/4 SE/4 Letter I At top prod. interval reported below At total depth		9. WELL NO. 5	
14. PERMIT NO. O. C. P. DATE ISSUED ARTESIA OFFICE		10. FIELD AND POOL, OR WILDCAT Shugart Grayburg San Andres	
15. DATE SPUDDED 11/14/86		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 23: T18S, R31E	
16. DATE T.D. REACHED 11/22/86		12. COUNTY OR PARISH Eddy	
17. DATE COMPL. 12-2-86 11/29/86		13. STATE NM	
18. DATE T.D. REACHED 11/22/86		19. ELEV. CASINGHEAD 3698'	
20. TOTAL DEPTH, MD & TVD 4500'		21. PLUG, BACK T.D., MD & TVD 4462'	
22. IF MULTIPLE COMPL., HOW MANY* N/A		23. INTERVALS DRILLED BY 4500'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Grayburg		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL - LDT - GR - Calip - DLL - MSFL - Cyberlook		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24	351	12 1/4"
5 1/2"	15.5	4500	7 7/8"
CEMENTING RECORD		AMOUNT PULLED	
225 sx HE II, 2% CaCl ₂ , 1/4# Celloflake		N/A	
300 sx HE II, 5#salt, 5%FL			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
N/A			ACCEPTED FOR RECORD
30. TUBING RECORD		PACKER SET (MD)	
SIZE	DEPTH SET (MD)	N/A	
2 3/8"	4212'		
31. PERFORATION RECORD (Interval, size and number) 4234' to 4246' .38 - 9 perfs CARLSBAD, NEW MEXICO			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 4234' to 4246' AMOUNT AND KIND OF MATERIAL USED 500 gal 15% HCl, 18,000 gal Crosslink - 2000# 100 mesh 18,000# 20/40, 12,000# 12/20			
33.* PRODUCTION			
DATE FIRST PRODUCTION 12/02/86	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping (Lufkin 114)		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12/04/86	HOURS TESTED 24	CHOKE SIZE N/A	GAS-OIL RATIO 652/1
FLOW, TUBING PRESS. N/A	CASING PRESSURE N/A	CALCULATED 24-HOUR RATE N/A	OIL GRAVITY-API (CORR.) 37.8
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			TEST WITNESSED BY

35. LIST OF ATTACHMENTS

2 copies Schlumberger Logs - Deviation Survey - NM OCC Forms, C-116

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

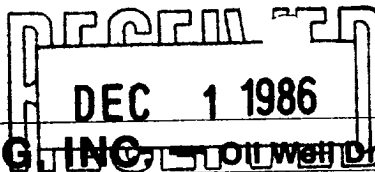
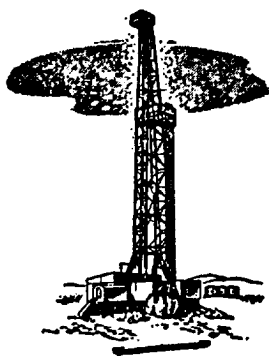
SIGNED Harold D. Justice TITLE V.P. Drilling & Production DATE 12/12/86

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

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
EB/Salt T/Yates T/Queen T/Grayburg T/San Andres TD	2126(+1578) 2590(+1114) 3470(+234) 3945(-241) 4423(-719) 4500(-796)					



Telephone (505) 748-2205

L & M DRILLING, INC. - Oil Well Drilling Contractors

P. O. BOX 872 / ARTESIA, NEW MEXICO 88210
470

November 24, 1986

Siete Oil and Gas
PO Box 2523
Roswell, NM 88201

Re: Blackhawk Federal #5
2310' FSL & 330' FEL
Sec. 23, T18S, R31E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
355'	1°
866'	3/4°
1366'	1°
1867'	1°
2292'	1 1/2°
2556'	3/4°
3056'	1/2°
3553'	1°
4054'	3/4°
4500'	3/4°

Very truly yours,

B. N. Muncy Jr.
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 24th day of November, 1986.

NOTARY PUBLIC