

UNITED STATES NM OIL CONS. COMMISSION
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY Artesia, NM 88201Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESV. ☐

3. NAME OF OPERATOR

Siete Oil and Gas Corporation

4. ADDRESS OF OPERATOR

P.O. Box 2523, Roswell, New Mexico 88201

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

2310' FNL, 1980' FWL

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

LC 065680

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blackhawk Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Shugart - 7-SR-G-G-9

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA

Section 24: T-18-S, R-31-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUDDED 8/04/85 16. DATE T.D. REACHED 8/12/85 17. DATE COMPL. (Ready to prod.) 9/14/85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3702' GR 19. ELEV. CASINGHEAD 3704

20. TOTAL DEPTH, MD & TVD 4500' 21. PLUG, BACK T.D., MD & TVD 4490' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 4500' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger CNL, LDT, GR, Calip, DLL, MSFL - Bond Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	350'	12 1/4"	400 sxs "C" 2% CaCl ²	N/A
5 1/2"	15.5#	4500'	7 7/8"	1700 sxs Lt. Wt. 3+10#salt	N/A
				300 sxs Lt. Wt. 5+5#salt	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4263' to 4272' - .38" holes - 7 perfs.
cast iron bridge plug set @4204'
3750' to 3791' - .38" holes - 11 perfs.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4263' to 4272'	1000 gals 15%HCL (non-productive)
16,000 gals crosslink with 27,000# 12/20 sand	
3750' to 3791'	1000 gals 15%HCL - 44,000 gals crosslink - 4,000# 100 mesh, 20,500# 20/40 sand -

33. PRODUCTION 36,000# 12/20 sand

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/14/85		Pumping (Jensen 114)				production	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/05/85	24	N/A	→	40	Est. 70	0	1750/1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	40	Est. 70	0	37	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

OCT 8 1985

35. LIST OF ATTACHMENTS

NMOCC Forms C116 & C124, 2 Schlumberger Open Hole Logs

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

SIGNED

TITLE

Consultant

DATE September 20, 85

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 88, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 83. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

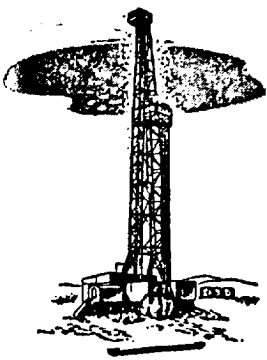
Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Base of Salt	2167'					
Yates	2335'					
Seven Rivers	2520'					
Bowers	3262'					
Queen	3506'					
Middle Queen	3627'					
Penrose	3742'					
Grayburg	3934'					



Telephone (505) 748-2205

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

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

August 23, 1985

Siete Oil and Gas
PO Box 2523
Roswell, NM 88201

Re: Blackhawk Federal #2
2310' FNL & 1980' FWL
Sec. 24, T18S, R31E
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
350'	3/4°
951'	1/2°
1467'	3/4°
1974'	3/4°
2464'	3/4°
3067'	1/2°
3534'	1/2°
4035'	1/2°
4500'	1/4°

Very truly yours,

B. N. Muncy Jr.
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 23rd day of August, 1985.

REGINIA L. GARNER
NOTARY PUBLIC