

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.  
Budget Bureau No. 42-R355.5.(See other  
instructions on  
reverse side)

LEASE DESIGNATION AND SERIAL NO.

LE 065680

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

NM OIL CONS. COMMISSION

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐ Drawer DDb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐ Artesia, NM 88210

2. NAME OF OPERATOR

Siete Oil and Gas Corporation

3. ADDRESS OF OPERATOR

P.O. Box 2523, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with appropriate requirements)\*

At surface 2310' FSL, 1650' FWLAt top prod. interval reported below sameAt total depth same

14. PERMIT NO.

DATE ISSUED

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blackhawk Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Shugart-Queen

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

Sec. 24: T-18-S, R-31-E12. COUNTY OR PARISH  
Eddy

13. STATE

New Mexico

15. DATE SPUDDED

3/24/85

16. DATE T.D. REACHED

4/02/85

17. DATE COMPL. (Ready to prod.)

4/08/85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

3709' GR

19. ELEV. CASINGHEAD

3711'

20. TOTAL DEPTH, MD &amp; TVD

4527'

21. PLUG, BACK T.D., MD &amp; TVD

4485'22. IF MULTIPLE COMPL.,  
HOW MANY\*N/A23. INTERVALS  
DRILLED BY→

ROTARY TOOLS

4527'

CABLE TOOLS

N/A

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

3761' to 3814' - 8 perforation - Penrose25. WAS DIRECTIONAL  
SURVEY MADEYes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DDL-MSFL-LDT-CNL-Caliper-Cyberlook - Schlumberger

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 |
|-------------|-----------------|----------------|-----------|------------------------------|---------------|
| 13 3/8"     | 48#             | 374'           | 17 1/2"   | 400 sxs Class "A"            | N/A           |
| 4 1/2"      | 10.5#           | 4525'          | 7 7/8"    | 1750 sxs Class "A":          | N/A           |
|             |                 |                |           | 400 sxs 50/50 poz. Class "C" |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 3/8" | 3696'          | N/A             |

31. PERFORATION RECORD (Interval, size and number)

3761' to 3814' - 8 shots .41" holes

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 3761' to 3814'      | 1000 gals 15% HCL Acid           |
|                     | 15750 gals crosslink             |
|                     | 31000 lbs 12/20                  |

33.\*

## PRODUCTION

|                       |                 |  |                         |                     |          |                                    |                         |
|-----------------------|-----------------|--|-------------------------|---------------------|----------|------------------------------------|-------------------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |                     |          | WELL STATUS (Producing or shut-in) |                         |
| 4/08/85               |                 | Pumping ( Jensen 160)  |                         |                     |          | producing                          |                         |
| DATE OF TEST          | HOURS TESTED    | CHOKER SIZE  | PROD'N. FOR TEST PERIOD | OIL—BSL.            | GAS—MCF. | WATER—BSL.                         | GAS-OIL RATIO           |
| 4/18/85               | 24              | N/A  | →                       | 154                 | 80       | 5                                  | 519-1                   |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE  | OIL—BSL.                | ACCEPTED FOR RECORD |          |                                    | OIL GRAVITY-API (CORR.) |
| N/A                   | N/A             | →  | 154                     | 80                  | 5        | 38                                 |                         |

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

Vented

MAY 3 1985

TEST WITNESSED BY

Harold Justice

35. LIST OF ATTACHMENTS

NM OCC Forms C-124 & C-116 (2) Schlumberger open hole logs & completion survey

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

SIGNED

TITLE

PresidentDATE April 30, 1985

\*(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 33, 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.

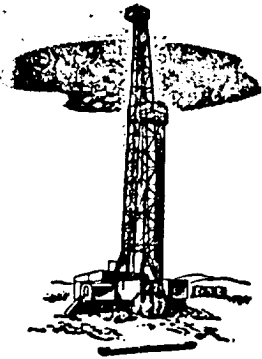
**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**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 33. 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:<br>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                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| Queen  | 3506' | 3554'  | sand, untested<br>sand, perforated, oil<br>sand, untested | Yates                | 2342'       |                  |
| Penrose  | 3740' | 3770'  |   | Seven Rivers         | 2532'       |                  |
| Grayburg   | 4260' | 4344'  |   | Queen                | 3506'       |                  |
|  |       |        |   | Grayburg             | 3940'       |                  |



Telephone (505) 748-2205

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

P. O. BOX ~~672~~ / ARTESIA, NEW MEXICO 88210  
470

April 10, 1985

Siete Oil & Gas  
PO Box 2523  
Roswell, NM 88201

Re: Blackhawk Federal #1  
2310' FSL & 1650' FWL  
Sec. 24, T18S, R31E  
Eddy County, New Mexico

Gentlemen:

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

| DEPTH | DEVIATION |
|-------|-----------|
| 374'  | 1°        |
| 886'  | 1°        |
| 1384' | 1°        |
| 1880' | 3/4°      |
| 2377' | 1/2°      |
| 2875' | 1/2°      |
| 3374' | 1/2°      |
| 3877' | 1/2°      |
| 4525' | 3/4°      |

Very truly yours,

*Martin B. Muncy*

Martin B. Muncy  
Secretary

STATE OF NEW MEXICO  
COUNTY OF EDDY

§  
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The foregoing was acknowledged before me this 10th day of April, 1985.

*Reginia L. Garner*  
NOTARY PUBLIC

