

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

NM-0554967

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government "K"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Querecho Plains (Queen)

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

Sec 23, T-18-S, R-32-E

12. COUNTY OR
PARISH
Lea13. STATE
New Mexico1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1900, Midland, Texas 79701

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

At surface 1700' FSL & 2300' FWL, Section 23, T-18-S, R-32-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

9-16-74

15. DATE SPUDDED

9-29-74

16. DATE T.D. REACHED

10-19-74

17. DATE COMPL. (Ready to prod.)

11-15-74

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

RKB: 3784

19. ELEV. CASINGHEAD

3774

20. TOTAL DEPTH, MD & TVD

4,800

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

4,772

22. IF MULTIPLE COMPL.,
HOW MANY*

-

-

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

0 - 4,800

CABLE TOOLS

-

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

Top: 4178

Bottom: 4190

Penrose Sand

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Acoustic-Caliper & Guard 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	418'	11"	300 sacks	None
5-1/2"	15.5	4,800'	7-7/8"	750 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	None				2-7/8"	4,124	4,124

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Penrose Sand

4178'-4190' w/4 0.40" jet shots/ft.

Total of 48 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11-15-74		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
11-16-74	24	28/64"	→	207	90	0	435	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
75	0-Packer	→	207	90	0	36		

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

Vented at present pending pipeline connection

TEST WITNESSED BY

H. T. Francis

35. LIST OF ATTACHMENTS

Logs (Compensated Acoustic Velocity & Guard log)

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

SIGNED

T. D. Clay

TITLE

Petroleum Engineer

DATE

11-19-74

*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:

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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Sand	0	35	NO DST TESTS	Yates	2,710'	
Sand & Gravel	35	80		Seven Rivers	2,915'	
Gravel & Sand	80	120		Queen	3,912'	
Anhy & Red Beds	120	418		Penrose	4,178'	
Shale & Clay	418	1,122		Grayburg	4,390'	
Salt & Anhy	1,122	1,975				
Anhy & Im	1,975	2,760				
Anhy, Sd, Im	2,760	3,165				
Sand	3,165	3,465				
Im & Sand	3,465	3,665				
Sand & Shale	3,665	4,026				
Sand	4,026	4,685				
Sand & Dolo.	4,685	4,800				