

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND HOLE, OR WILDCAT

11. SEC., T., R., & LOCATION SURVEY OR AREA

Sec. 33-28N-11W
N1/412. COUNTY OR PARISH
San Juan13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other **RECEIVED**b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other **NOV 5 1964**2. NAME OF OPERATOR
Sinclair Oil & Gas Company3. ADDRESS OF OPERATOR
601 Denver Club Building Denver, ColoradoU. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **1160' from the South line and 1160' from the West line, Sec. 33-28N-11W, San Juan County, New Mexico**At top prod. interval reported below **Same**At total depth **Same**14. PERMIT NO.
P. T. McGrathDATE ISSUED
8-25-6415. DATE SPUNDED
9-18-6416. DATE T.D. REACHED
9-30-6417. DATE COMPL. (Ready to prod.)
10-15-6418. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
HAZARD SURVEY 6099 OL19. ELEV. CASINGHEAD
HAZARD SURVEY 6104'20. TOTAL DEPTH, MD & TVD
6423'21. PLUG, BACK T.D., MD & TVD
6587'22. IF MULTIPLE COMPL., HOW MANY?
Single Zone23. INTERVALS DRILLED BY
→ROTARY TOOLS
0 - 6423'CABLE TOOLS
None24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Graneros Sand 6432-6512'
Dakota 6512-6623'25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Electrolog, Densilog, & P. F. G. Correlation & Cement Top Log27. 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" OD	21 1/2	354'	12-1/4	250	None
4-1/2" OD	10.54	6621'	7-7/8	1st Stage 450 sz	None
				2nd Stage 950 sz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	6427'	None

31. PERFORATION RECORD (Interval, size and number)

Dakota 6514-40 & 6515-52' w/2/ft
Graneros 6434-40 w/4/ft

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6514-40 & 6515-52	50,000# Sd & 52,000 gal Wtr.
6434-40'	15,000# Sd & 20,000 gal Wtr.

33.*

PRODUCTION

DATE FIRST PRODUCTION **8. 1. Waiting On Conn.** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or **Waiting on Connection**)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-15-64	25	3/4	→	0	3975 MCFD	0	None
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
250	985	→	None	3975 MCFD	None	None	

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

To be sold to El Paso Natural Gas Company

TEST WITNESSED BY

Mr. James E. Taylor

35. LIST OF ATTACHMENTS

2 each of logs listed in No. 26**5- each of No. 37 Summary of Form Zone**

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

SIGNED

COIT G. W. A. WALTERS, JR.

TITLE

DISTRICT PRODUCTION SUPERINTENDENT**11-4-64**

*(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 16: 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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
SEE ATTACHED SURVEYS						

SINCLAIR OIL & GAS COMPANY
Krause-Federal No. 3
1160' FSL, 1160' FWL, Section 33-28N-11W
San Juan County, New Mexico

ELEVATION: 5450 grd
SPUD: 9-18-64
COMPLETED: 10-15-64
IP: 3975 MCFGPD, 3/4" choke, SITP (5 hrs) 1625#
CSG: 8-5/8" @ 354' W/250 sx
4-1/2" @ 6621' W/450 sx (1st stage), 950 sx (2nd stage)
2-3/8" @ 6427 in Baker Tubing Sub

LOG TOPS:

Pictured Cliffs	1915	+ 4184
Lewis Shale	2115	+ 3984
Mesaverde	3491	+ 2608
Mancos	4626	+ 1473
Gallup	5522	+ 577
Tocito Sd	5929	+ 170
Sanastee	5975	+ 124
Greenhorn	6335	- 236
Graneros	6395	- 296
Graneros Sd	6432	- 333
Dakota	6512	- 413

LITHOLOGY:

Kirtland-Fruitland	Surface-1915	Interbedded variegated shales and sandstones, some coal.
Pictured Cliffs	1915-2115	Sandstone, gray to grayish-white, salt and pepper, fine to medium grain, well sorted, angular to subrounded becomes shaly toward base.
Lewis Shale	2115-3491	Shale, dark gray, soft. Sandy in part.
Mesaverde formation	3491-4626	Interbedded sandstones and shales with coal beds. Gradational from shale to sand at top and sand to shale at base. Sandstones, light to medium gray, very fine grained, well cemented, laminated with light to dark gray carbonaceous shales. Shale, light to dark gray, carbonaceous.



