

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.

5. LEASE DESIGNATION AND SERIAL NO.

SF 070673

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

601 Denver Club Building Denver, Colorado

U. S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

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

At surface 1070' from the North line and 1130' from the East line
Sec. 34-28N-11W, San Juan County, New Mexico

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

Mr. F. T. McGrath 9-11-64

7. LEASE AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO. Schlusser - Federal

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

34-28N-11W

N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE STUDDED

10-3-64

16. DATE T.D. REACHED

10-13-64

17. DATE COMPL. (Ready to prod.)

10-17-64

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

5665' OL

19. ELEV. CASINGHEAD

5670'

20. TOTAL DEPTH, MD & TVD

6220'

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

6181'

22. IF MULTIPLE COMPL. HOW MANY*
Single zone

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - 6220'

None

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

Graneros Sand 6029-6107'

Dakota

6107-6220'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Acoustic Cement Bond Log
Induction-Electrolog, Densilog, Perforating Formation Collar Chart,

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" OD	24#	356'	12-1/4	240 sx	None
4-1/2" OD	10.5#	6215'	7-7/8	400 sx 1st stage	None
				1000 sx 2nd stage	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-3/8"	6030'	None

31. PERFORATION RECORD (Interval, size and number)

Graneros 6033-42' w/w/ft

Dakota 6109-56' w/2/ft

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6033-42'	15,000# sd & 33,000 gal wtr.
6109-56'	50,000# sd & 53,000 gal wtr.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
S.I. Waiting on Conn.		Flowing				SI Waiting on Connection	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	11--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10-18-64	12	3/4"	→	None	4450 MCFPD	None	None
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
300#	1000#	→	None	4450 MCFPD	None	None	

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

To be sold to El Paso Natural Gas Company

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

2 each of logs listed in No. 26 5 - Each of No. 37. - Summary of Porous Zones.

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

SIGNED

TITLE

District Production Superintendent 11-5-64

*(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 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.)

27. 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 SHEETS						

Sinclair Oil & Gas Company

Schlusser - Federal #4

1070' FNL, 1130' FEL Section 34-28N-11W

San Juan County, New Mexico

Elevation: 5665' ord.

Spud: 10/3/64

Completed: 10/10/64

IP: 4450 MCFGPD $2\frac{3}{4}$ " choke SITP (24 hrs) 1900 $\frac{1}{2}$ "

CSG: $8\frac{5}{8}$ " @ 356' w/240 SX

$4\frac{1}{2}$ " @ 6215' w/400 SX (1 st stage), 1000 SX (2 nd stage)

$2\frac{3}{4}$ " @ 6030'

Total Depth: 6220, PBTD 6161

<u>Log Tops:</u>	Pictured Cliffs	1550	+4115
	Lewis Shale	1738	+3927
	Mesaverde	3087	+2578
	Mancos	4229	+1436
	Gallup	5136	+529
	Tocito Sand	5539	+126
	SanasTee	5576	+89
	Greenhorn	5931	-266
	Graneros	5969	-324
	Graneros Sand	6029	-364
	Dakota	6107	-442
	Total Depth	6220	-555

Lithology

Kirtland-Fruitland

Surface - 1550

Interbedded variegated shales and sandstones, some coal

Pictured Cliffs

1550-1738

Sandstone, gray to grayish-white, salt and pepper, fine to medium grain, well sorted, angular to subrounded becomes shaly towards base as it grades into Lewis shale.

Lewis Shale

1738-3067

Shale, dark gray, soft, silty in part

Alameda

3067-4229

Interbedded sandstones and shales with coal beds. Gradational from shale to sand at top and from sand to shale at base. Sandstones, light to medium gray, very fine grained, well cemented, laminated with light to dark gray carbonaceous shales. Shales, light to dark gray, carbonaceous.

Mancos Shale

4229-5136

Shale, light to dark gray, calcareous, some sandstone and limestone stringers.

Gallup

5136-5539

Sandstone, siltstone, and shale.

Sandstone, light gray to brown, dirty, poorly sorted, very fine to medium, silty. Siltstone, gray to brown.

Tocito.

5539-5553

Sandy in part. Shale, dark gray, carbonaceous. Interbedded beds of light brown to brown inoceramus cognata.

5553-5576

Sandstone, light gray, fine to coarse grain, friable, subangular to subround, some silty.

Shale, dark gray, fissile, silty in part.

Sanaster

5576-5600

Sandstone, gray-brown, calcareous, fossiliferous, silty in part.

5600-5931

Shale, dark gray, silty, calcareous. Silty in part.

Micaceous in part.

Greenhorn

5931-5989

Interbedded shale and limestone.

Limestone, gray-brown, silty, inoceramus cognata. Shale, very dark gray, blocky, calcareous.

Graneros

5989-6029

Shale, very dark gray, blocky, micaceous.

6029-6107

Sandstone, gray, very fine grained, silty in part, carbonaceous.

Dakota

6107-6220

Sandstone, white to gray, fine to medium grain, silty in part, carbonaceous in part. Some siltstone, gray to brown, carbonaceous, silty in part, some blocky, sandy.