

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 078863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

None

7. UNIT AGREEMENT NAME

None

8. FARM OR LEASE NAME

Krause Federal WN

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec. 29-28N-11W
NMPM12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL

☐

GAS

☐

DRY

☐

U. S. GEOLOGICAL SURVEY

b. TYPE OF COMPLETION:

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

Other

2. NAME OF OPERATOR

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Building, Denver, Colorado, 80203

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

At surface 995' from the North line and 1590' from the East line,

Sec. 29-28N-11W, San Juan County, New Mexico

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

Mr. P. T. McGrath 2-3-65

15. DATE SPUDDED

3-12-65

16. DATE T.D. REACHED

3-23-65

17. DATE COMPL. (Ready to prod.)

4-1-65

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

5702 G.L.

19. ELEV. CASINGHEAD

5702 GL

20. TOTAL DEPTH, MD & TVD

6260'

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

6227'

22. IF MULTIPLE COMPL.,
HOW MANY*

None

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

0-6260'

CABLE TOOLS

None

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

Graneros Dakota 6078-6187'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

I-ES, Density log, Correlation log, Cmt. Top 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#	371'	12-1/4"	230 Sx	None
4-1/2"	10.5#	6256'	7-7/8"	1st Stage 400 SX 2nd Stage 625 Sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	6061'	None

31. PERFORATION RECORD (Interval, size and number)

Graneros 6078-85', 6100-07' w/4/ft

Dakota 6155-87', w/2/ft

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Dakota 6155-87'	w/50,000# Sd & 57,000 gal wtr
Graneros 6078-85'	6100-07 w/20,300# Sd & 23,000 gal wtr.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
None		SI Waiting on Connection				SI Waiting on Connection	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-1-65	24	3/4"	→	None	4010 MCFPD	None	None
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	PROD'N. FOR TEST PERIOD (CORR.)	
250#	950#	→	None	4010 MCFPD	None	None	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITH GAS ANALYSIS	

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

SI waiting on connection to be Sold to El Paso Natural Gas Co., Mr. J. E. Taylor

35. LIST OF ATTACHMENTS

2 each No. 26, 5 each No. 37

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

SIGNED

TITLE

Senior Clerk

DATE

May 12, 1965

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

Sinclair Oil & Gas Co.

Krause Federal # 6

995'/N 1590'/E Sec. 29-28N-11W.

San Juan Co. New Mexico

Elev. 5702 Gr.

Spud. 3-12-65

Comp. 4-1-65

I.P. 4010 mcfPD $\frac{3}{4}$ " ch.

Casing. 8 5/8" @ 271 w/230 ft
4 1/2" @ 6256 w/300 ft

Log tops

Pictured Cliffs	1598 + 4104
Lewis Shale	1792 + 3910
Mesa Verde	3138 + 2560
Mancos	4206 + 1396
Gallup	5159 + 507
Tocito sand	5610 + 95
Sanastee	5631 + 71
Greenhorn	5980 - 275
Graneros	6038 - 336
Dakota	6150 - 448
Total depth	6260

Lithology

Kirtland - Fruitland

Surface to 1598.

Interbedded Shales & Sands, some coals.

Pictured Cliffs	1598 to 1792	Sandstone gray - white fn. to med. grain, well sorted, angular to sub round. Silty & Shale toward base.
Lewis Shale	1792 to 3138	Shale, dk. gray, soft. From 2520 to 3138 the section has many thin sands, gray, fine grained.
Mesaverde	3138 to 4306	Siltstones, thin, interbedded with Shales and siltstones, some scattered coal beds. Sands are fn. to med. grain. Laminated with shales. Shales are carbonaceous.
Manitou Shale	4306 - 5159	Shale, lt. to dark gray sl. calcareous thin scattered sands and siltstones.
Gallup	5159 - 5610	Sands and siltstones, very shaly. Sands are trashy, poorly sorted and fine.
Togito sand	5610 - 5631	Sandstone, gray, fn. grain, subround.
Sanabete	5631 - 5980	Siltstones & Sands. Siltstones are gray micaceous & sl. calcareous. Shales are gray silty & calcareous.
Greenhorn	5980 - 6038	Limestones and gray shales. Limestones are shaly and fossiliferous in part.
Graneros	6038 - 6076	Shale, gray to brown, sl. micaceous and calcareous.
	6076 - 6150	Sandstone, gray, v. fine grain, silty, some calcareous shales.
Dakota	6150 to TD.	Sandstone, wh. to lt. gray, fn. to med. grained, subangular to subround, shaly and limy in part. Some dark gray shales and siltstones with a trace of coal.