

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.

LC-067265-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sinclair-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

TEAS

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

14 T-20-S R-33-E

12. COUNTY OR
PARISH

Lea

13. STATE

New Mexico

1a. 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

Carl Engvall

3. ADDRESS OF OPERATOR

P. O. Box 1782, Roswell, New Mexico

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

At surface 2310' FS and 990' FW Lines

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

8-1-65

16. DATE T.D. REACHED

8-19-65

17. DATE COMPL. (Ready to prod.)

10-28-65

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

3579.1 Gr., 3586.1 KDB

19. ELEV. CASINGHEAD

3580'

20. TOTAL DEPTH, MD & TVD

3428'

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

3418'

22. IF MULTIPLE COMPL.,
HOW MANY*

-

23. INTERVALS
DRILLED BY

0-3428'

ROTARY TOOLS

CABLE TOOLS

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

3236'-56' Yates Sandstone

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger-IL, FDC-G & FDC

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#	950'	11"	300 sacks	-
4 1/2"	9.5#	3426'	7 7/8"	523 sacks	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3300'	-

31. PERFORATION RECORD (Interval, size and number)

Perforated 3236'-40', 3244'-47' & 3252'-56'
with 2-3 1/8" Crack Jet shots per foot—
total 22 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3236'-56'	1000 gallons NE 15% Acid
3236'-56'	10,000 gallons lease crude oil
	plus 17,500 pounds sand Frac

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-28-65		Pumping - 2"-1 1/2"-12' bottom hole pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-28-65	24	-	→	5.01	TSTM	0	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
5#	20#	→	5	TSTM	0	33	

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

Vented

TEST WITNESSED BY

Joel Frier

35. LIST OF ATTACHMENTS

Deviation surveys

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

SIGNED

Carl Engvall

TITLE

Operator

DATE 11-1-65

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

INSTRUCTIONS

Item 29: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

1370
1510
2290
3165

CARL ENGWALL
GEOLOGICAL CONSULTANT
ROSWELL, NEW MEXICO

505 - 623-4541
P. O. BOX 1782

Nov 9 1 03 PM '65

Deviation Tests taken on the Carl Engwall #1 Sinclair-Federal test
2310° FS and 980° FW Lines Section 14, T-20-S, R-23-E, Lea County,
New Mexico.

<u>TOUPO</u>	<u>Degrees</u>
488°	1/4
530°	1/4
1400°	1/4
1820°	3/4
2410°	1/2
2940°	1
3420°	1 1/2

Carl Engwall