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U.S.G.S.

LAND OFFICE

OPERATOR

Form O-105
Revised 11-84NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG5a. Indicate Type of Lease
State ☐ Fee ☒
b. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Fred Davis

9. Well No.

1

10. Field and Pool, or Wildcat

Ojito Gallup-Dakota

11. County

Rio Arriba

1a. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OCT 08 1985

OIL CON. DIV.
DIST. 3

2. Name of Operator

Union Texas Petroleum

3. Address of Operator

375 U.S. Highway 64, Farmington, New Mexico 87401

4. Location of Well

UNIT LETTER M LOCATED 723 FEET FROM THE South LINE AND 954 FEET FROMTHE West LINE OF SEC. 1 TWP. 25N RGE. 3W NMPM

15. Date Spudded

7/18/85

16. Date T.D. Reached

8/3/85

17. Date Compl. (Ready to Prod.)

9/5/85

18. Elevations (DF, RKB, RT, GR, etc.)

7281 GR 7293 KB

19. Elev. Casinghead

7282

20. Total Depth

8370' KB

21. Plug Back T.D.

8328' KB

22. If Multiple Compl., How

Many Downhole Commingled

23. Intervals Drilled By

Rotary Tools

Cable Tools

0-8370

24. Producing Interval(s), at this completion - Top, Bottom, Name

Dakota: 8210-8037, Greenhorn: 7987-7935 Gallup: 7621-7036

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

IEL - GR - CDCNI - Cement Evaluation

27. Was Well Cored

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	352' KB	12 1/4	275 sxs (19 sxs to surf)	
4 1/2	11.6	8370' KB	7 7/8	2215 sxs (See Attached)	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	8111' KB	

31. Perforation Record (Interval, size and number)

See Attached

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
See Attached	

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
9/16/85	Pumping					Producing	
Date of Test	Hours Tested	Choke Size	Pressure For Test Period	Oil - bbl.	Gas - MCF	Water - bbl.	Gas - Oil Ratio
9/19/85	24	1/2" orifice	20	20	38	30	1900: 1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - bbl.	Gas - MCF	Water - bbl.	Oil Gravity - API (Corr.)	
	60	20	20	38	30	43.4 @ 60°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

Bruce Voiles

35. List of Attachments

Supplements for sections 28, 31, & 32 IEL, CDCNL, Bond Log

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

Robert C. Frank

TITLE

Regulatory Analyst

DATE

10/7/85

Well Completion or Recompletion Report and Log

Fred Davis # 1
(Attachment)

28) Cemented 4-1/2" casing as follows:

First Stage: 730 sxs (927 cu. ft.) 50/50 poz with 2% Gel, 10% Salt, 0.6% FLA, 1/4 # Flocele/sk.

Open D.V. tool, circulate 5 bbls (28 cu. ft.) cement to surface. D.V. tool at 6503' KB.

Second Stage: 840 sxs (1806 cu. ft.) C1 "B" foamed w/ N2 tailed by 545 sxs (692 cu. ft.) 50/50 poz with 2% Gel, 10% Salt, 0.6% FLA, 1/4 # Flocele/sk. Circulate 5 bbls (28 cu. ft.) cement to surface.

Brandenhead squeeze 100 sxs (118 cu. ft.) C1 "B" with 10% Cal Seal 3% CaCl₂. Obtain squeeze of 400 PSI. Shut in

31) <u>Formation</u>	<u>Size</u>	<u>Perforations</u>
Lower Dakota	0.32"	8255, 54, 53, 52, (2 SPF-8 total)
Upper Dakota	0.32"	8210, 03, 01, 8199, 97, 95, 93, 91, 89, 87, 48, 45, 28, 06, 8090, 51, 47, 43, 37 (1 SPF-14 total)
Greenhorn	0.32"	7987, 83,(2 shots), 79, 75, 71, 65, 61, 56, 52, 47, 43, 39, 35, (1 SPF-14 total)
Gallup	0.32"	7621, 18, 7551, 37, 26, 7453, 39, 31, 07, 7379, 73, 57, 40, 31, 20, 16, 07, 7265, 50, 35, 20, 09, 7195, 92, 72, 62, 60, 50, 35, 7066, 55, 44, 36, (1 SPF-33 total)

32) <u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
8255-52	Acidize: 600 gal 15% HCL 16, 7/8" ball sealers Squeeze: 50 sxs (59 cu. ft.) C1 "B" with 2% CaCl ₂
8210-8037	Acidize: 1700 gal 15% HCL and 40, 7/8" ball sealers Frac: 130,000# 20/40 sand and 100,000 gal 30# x link gelled water
7987-7935	Acidize: 250 gal 15% MSA, 1500 gal MSR with 1000 SCF N ₂ bbl with 10, 7/8" ball sealers
7621-7036	Acidize: 2500 gal 15% HCL and 66 7/8" ball sealers Frac: 200,000# 20/40 sand and 150,000 gal 25# x link gelled water