

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/>		DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	
b. TYPE OF COMPLETION		NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/>		DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>	

2. Name of Operator	7. Unit Agreement Name
T. H. McElvain Oil & Gas Properties	
3. Address of Operator	8. Farm or Lease Name
P. O. Box 2148, Santa Fe, NM 87504-2148	FD
4. Location of Well	9. Well No.
	1
	10. Field and Pool, or Wildcat
	Ojito Gallup-Dakota

UNIT LETTER <u>H</u> LOCATED <u>2840</u> FEET FROM THE <u>North</u> LINE AND <u>950</u> FEET FROM	
THE <u>East</u> LINE OF SEC. <u>1</u> TWP. <u>25N</u> RGE. <u>3W</u> NMPM	
12. County	
Rio Arriba	

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
5-22-87	6-3-87	7-25-87	7347 KB	7336
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
8350	8330	N/A	0-8350	Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
Gallup 6820-7504 Dakota 8065-8227	Yes

26. Type Electric and Other Logs Run	27. Was Well Cored
DIL-SFL-CAL-GR-SP, FDC-CNL, BHTV, GR-CBL-CCL	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#, K-55	210	12 1/4"	-236 cu ft. (200 sks) Class B + 2% CaCl	
5 1/2"	17# N-80	8342	8 3/4"-5521	2750 cu ft (see attachment)	
	17# K-55		7 7/8" to TD		
	15.5# J-55				

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	7508	
					Cast iron bridge plug-7600'		

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8065, 8067, 8076, 8078, 8127, 8129, 8169, 8170, 8214-27, .42" dia, 22 holes total for Dakota.				DEPTH INTERVAL	
See Attachment for Gallup perms.				8065-8227	
				AMOUNT AND KIND MATERIAL USED	
				1100 gal 15% HCL + 30 balls	
				Frac w/89964 gal x-link 30 lb	
				gelled 2% KCL wtr+87,172# 20/40	
				sd.(see attachment for Gallup)	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
8-5-87		Pumping 2 1/2" x 1 1/2" x 16' x 18' x 20' RHAC				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8-6-87	12	64/64th		30	25	*75	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
150 psi	150 psi		60	50	*150		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Vented-will be sold	Joe Elledge

35. List of Attachments	
Supplement for Sections 28, 31 & 32	*frac water

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 Angelo B. Brown TITLE Geological Engineer DATE 8-6-87

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

No. 1, from _____ to _____ feet _____

No. 2, from _____ to _____ feet _____

No. 3, from _____ to _____ feet _____

No. 4, from _____ to _____ feet _____

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

Attachment to Form C-105
Well Completion Report for
the FD #1, SE/4 NE/4 Sec 1-25N-3W
Rio Arriba County, New Mexico

#28 Casing Record/Cementing Record
5½" production casing was three
stage cemented as follows:

1st Stage: 350 sks (494 cu ft) 50-50 posmix + 2% gel + 10% salt and 6¼
lbs/sk gilsonite preceded by 20 bbls CW7.

2nd Stage: 550 sks (1012 cu ft) 65-35 posmix + 3% gel + 10% salt + 10% Cal
seal & 12½ lbs/sk gilsonite. Tailed in w/60 sks (70 cu ft) Class B neat.

3rd Stage: 600 sks (1104 cu ft) 65-35 posmix + 6% gel + ¼ lb/sk
cel-o-flake & tailed in w/ 60 sks (70 cu ft) Class B neat. Full returns,
circulated 25 bbls good cement to the pit. Final plug down at 9:46 PM on
6-5-87. Set slips w/100,000 psi, released rig.

#31 Perforation Record

Gallup perfs:

Lower: 7504-7476 1 JS/4 ft.
7338-7270 1 JS/4 ft.
7270-7180 1 JS/2 ft.
7180-7064 1 JS/4 ft.
.42 dia, total 102 holes.

Upper: 7050-6820 1 JS/2 ft.
.42 dia, total 116 holes

#32 Acid, Shot, Fracture, Cement Squeeze, etc.

4882-5071 Squeezed through retainer @ 4815 KB as follows: 201 cu ft (170
sks) Class B cement w/ 0.6% fluid loss additive.

7064-7504 Acidized w/ 3000 gal 15% HCL and 200 balls. Frac w/135,754 gal
40# gelled 2% KCL water and 111,500 lbs 20/40 mesh sd. Screened off
leaving 8232 lbs sd in csg.

6820-7050 Acidized w/ 3000 gal 15% HCL and 200 balls. Frac w/ 61,194 gal
40# gelled 2% KCL water. Lost blender before starting sand. Re-fraced
w/71,000 gal 40# gelled 2% KCL & 11,000# 20/40 mesh sd. Screened out w/
9000# in fm. Re-fraced w/ 24,400 gal 40# gelled 2% KCL & screened off w/
4500 # of 20/40 sd in fm. Re-fraced w/ 30,000 gal 50# x-linked 1% KCL &
30,114 gal 30# x-linked 2% KCL water and 25,120 lbs 20/40 mesh sand.
Screened out leaving 7120# sand in casing. Total of fracs in Upper Gallup:
216,708 gal gelled KCL & 31,500# of 20/40 mesh sand.