

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Minel, Inc.							
3. ADDRESS OF OPERATOR c/o R. Simmons P.O. Box 48, Farmington, NM 87499							
4. LOCATION OF WELL (Report location clearly and in accordance with applicable regulations) At surface 1570' FNL & 790' FEL At top prod. interval reported below Same At total depth Same							
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RAB, RT, GR, ETC.)*	
10-15-87		10-27-87		12-5-87		7335 GR	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
7650 MD & TVD		7606' MD & TVD				0 - TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Top 6860' Bottom 7520' Gallup MD & TVD							
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL- CNL-FDC CCL-VDL-CBL-GR							
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	
9-5/8"	20	211	12-1/4	See Attachment A			
4-1/2"	11.6	5566	8-3/4	See Attachment A			
4-1/2"	11.6	7650	7-7/8	See Attachment A			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	7530	NA
31. PERFORATION RECORD (Interval, size and number)							
6860' - 7230' 0.59" 185 ljsp 2 ft.							
7254' - 7520' 0.59" 135 ljsp 2 ft.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7254 - 7520				See Attachment A			
6860 - 7230				See Attachment A			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-5-87		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-6-87	24	NA		40	30	80 frac	750
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
180	180		40	30	80 frac.	37.6	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold							
35. LIST OF ATTACHMENTS Attachment A (Cementing record, perforating and stimulation records)							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE		DATE		BY	
R. D. Simmons		Agent		12-7-87		KJ	

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. 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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3577	3630	Water	Ojo Alamo Fruitland Picture Cliffs Lewis Shale Chiff House Menefee Point Lookout Mancos Shale Gallup	3577 3636 3850 4005 5540 5640 6012 6162 6888	3577 2626 3850 4005 5540 5640 6012 6162 6888

ATTACHEMENT A

MINEL INCORPORATED
CAYIAS # 2
1570' FNL & 790' FEL
SECTION 2, T25N, R3W
RIO ARriba COUNTY, NEW MEXICO
ELEVATION 7335' GR.

SURFACE CASING AND CEMENT RECORD

Spud at 11:15 PM 10-15-87. Drilled 12-1/4" to 215'. Ran 5 joints 9-5/8" 20# H40 casing (198.02' threads off) set at 211.02' KB. Delta cemented with 140 sacks (165.02 cu. ft.) Class "B" w / 2% CaCl2 and 1/4# flocele. Circulated 5 bbls cement to surface. Plug down at 3:45 AM 10-16-87

PRODUCTION CASING AND CEMENT RECORD

Ran 186 joints 4-1/2", 11.6#, N80, R3, LTC casing (7647.88') Landed at 7650' KB. Float collar at 7606'. Stage collars at 6166 and 4117'. Circulated hole 1 hour. Cemented first stage as follows: 10 bbls water, 20 bbls aqua fix, 10 bbls water 410 sacks (516 cu. ft.) Class "B" 50/50 poz, 2% gel, 8# salt, 6-1/4# gil. Plug down at 9:10 PM. 10-26-87. Top of cement at 6166'. Opened stage tool at 6166'. Could not establish circ. Opened stage tool at 4117'. Circulated 5 hours. Cemented third stage as follows: 1160 sacks (1937 cu. ft.) Class "B" 65/35 poz, 6% gel 1/4# flocele, tailed with 50 sacks (59 cu. ft.) Class B neat cement plug down at 4:00 AM. Circulated cement to surface.

REMEDIAL CEMENT RECORD

Cemented stage tool at 6166' on 10-30-87 with 100 sacks (125 cu. ft.) 50/50 poz w/ 4% gel and 50 sacks (59 cu. ft.) neat cement. Squeeze to 3000 psi. Cemented again on 11-2-87 with 30 sacks (35 cu. ft.) neat cement. Squeeze to 3000 psi. Cemented on 11-3-87 with 50 sacks (59 cu. ft.) Class "B" neat cement and squeezed to 4000 psi. Pressure tested on 11-6-87 to 3000 psi after drilling cement. Held. Top of cement with CBL at 4805' KB.

GALLUP PERFORATIONS AND STIMULATION RECORD.

Spot 500 gals. 10% acedic acid at 6820 to 7520' KB. Ran CBL-VDL-GR-CCL from 7594' to surface. Perforated Lower Gallup from 7254 To 7520' with 1 jet shot per 2 foot. (0.59" hole) for a total of 135 holes. Acidized Lower Gallup with 3000 gals. 15% HCL acid and drop 200 ball sealers. Swab back acid, acid gas, and KCL water. Fractured treated Lower Gallup. with 30# gel at 58 bpm ATR at 2900 psi ATP with total of 180,000 # 20/40 sand in 172,284 gal gel water.

Set DBP on wireline to 7240'. Pressure tested BP to 3000 psi. Ok. Perforated Upper Gallup from 6860' to 7230' with 1 jet shot per 2 ft. interval (0.59 " hole) for a total of 185 holes. Acidized Upper Gallup with 3000 gals 15 % HCL acid

Did not frac Upper Gallup.