

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 ☒	GAS WELL ☐	DRY ☐	Other ☐						
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RENVR. ☐	Other ☐				
2. NAME OF OPERATOR JOSEPH B. GOULD											
3. ADDRESS OF OPERATOR C/O R. SIMMONS 5704 VILLA VIEW DR., FARMINGTON NM 87499											
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements) At surface 340' FNL & 2280' FEL At top prod. interval reported below SAME At total depth SAME											
14. PERMIT NO.				DATE ISSUED DEC 5 1984							
12. COUNTY OR PARISH RIO ARriba				13. STATE NEW MEXICO							
5. DATE SPUDDED 10/8/84		16. DATE T.D. REACHED 10/28/84		17. DATE COMPL. (Ready to prod.) 11/29/84		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7339 RKB		19. ELEV. CASINGHEAD 7327			
20. TOTAL DEPTH, MD & TVD 8220		21. PLUG, BACK T.D., MD & TVD 8188		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY O-TD		CABLE TOOLS NA			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* GALLUP TOP 6956 BOTTOM 7358 DAKOTA TOP 7862 BOTTOM 8122								25. WAS DIRECTIONAL SURVEY MADE NO			
26. TYPE ELECTRIC AND OTHER LOGS RUN DILL-CNL FDC								27. WAS WELL CORED NO			
28. CASING RECORD (Report all strings set in well)											
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8-5/8		24		310		12-1/4		SEE ATTACHMENT A			
4-1/2		11.6		8220		7-7/8		SEE ATTACHMENT A			
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										2-3/8	
										DEPTH SET (MD)	
										7715	
										PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)										ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
SEE ATTACHMENT A										DEPTH INTERVAL (MD)	
										AMOUNT AND KIND OF MATERIAL USED	
										SEE ATTACHMENT A	
33.* PRODUCTION											
DATE FIRST PRODUCTION 11/29/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING						WELL STATUS (Producing or shut in) PROD.			
DATE OF TEST 11/29/84		HOURS TESTED 3		CHOKE SIZE 2"		PROD'N. FOR TEST PERIOD OIL—BBL. 30		GAS—MCF. 8		WATER—BBL. 0	
FLOW. TUBING PRESS. 40		CASINO PRESSURE 800		CALCULATED 24-HOUR RATE OIL—BBL. 240		GAS—MCF. 64		WATER—BBL. 0		GAS-OIL RATIO 322	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED										TEST WITNESSED BY JOHN SHIPLEY	
35. LIST OF ATTACHMENTS ATTACHMENT A										FARMINGTON RESOURCE AREA BY 5m	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED <i>R. S. Smith</i>				TITLE <i>Agent</i>				DATE <i>11-30-84</i>			

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

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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
PC Gallup Dakota	3720	3735	Gas	Ojo Alamo	3120	3120
	6522	7660	Gas Oil	Fruitland	3410	3410
	8015	8195	Gas oil	Picture Cliff	3720	3720
				Lewis Shale	3820	3820
				Chacra	4575	4575
				Cliffhouse	5315	5315
				Menefee	5418	5418
				Point Lookout	5905	5905
				Mancos Shale	6070	6070
				Gallup	6532	6532
				Greenhorn	7840	7840
				Graneros	7935	7935
				Dakota	8015	8015

JOSEPH B. GOULD
PHILLIPS 32 # 6
ATTACHMANT A

SURFACE CASING AND CEMENT

10-10-84 Drill 12-1/4" hole to 310' KB. Ran 7 joints 8-5/8" 24#, K55, ST&C, 8rd casing (310'), set at 310' KB. Cemented with 250 sacks (295 cu. ft.) Class "B" with 3% CC and 1/4#/sk. flocele. Circulated 25 sacks cement to surface. Plug down at 10:00 AM. WOC 12 hours. Nipple up BOP and pressure test BOP and casing to 600 psig. held.

PRODUCTION CASING AND CEMENT

10-30-84 Ran 188 joints (8230') 4-1/2", 11.6#, K55, LT&C, 8rd casing. Set casing at 8220' KB. Ran float collar one joint off btm. at 8182' KB, with stage tool at 6078' KB. Cemented with Halliburton in two stages: 1st stage 600 sks (732 cu. ft.) Class "B" 50/50 poz, with 2% gel, 6-1/4# gilsonite, and 6# salt. Plug down at 6:45 AM. Float held after testing casing to 2000 psig. 2nd stage 500 sks. (1420 cu. ft.) Class "B" 65/35 poz. w/ 12% gel and 10# gilsonite, 500 sks. (1060 cu. ft.) Class "B" 65/35 poz with 6% gel and 10# gilsonite, tailed with 150 sks. (177 cu. ft.) Class "B" with 2% Calcium Chloride. Circulated 5 bbls cement to surface. Plug down at 10:30 AM. Pressure tested casing to 2000 psig. Held. Float held. Set slips with 70,000# and cut off casing.

DAKOTA PERFORATIONS AND STIMULATION

Perforated Dakota Formation from 7862 to 8122 as follows, using 3-1/8" cased hole guns:

7862	7872	7874	7880	7884	7892	7896	7898	1 jspf	8 holes
7936	-	7948						1 jspf	12 holes
8018	-	8012						1 jspf	4 holes
8062	8066	8080						1 jspf	3 holes
8098	-	8106						1 jspf	8 holes
8112	-	8122						1 jspf	10 holes

Total of 45 0.38" holes

Acidized down casing with 1500 gallons 15% HCL acid dropping 60 7/8" ball sealers and ball off to 3000 psig.

Fracture treated down casing @ 45 BPM with 40# cross-link gel, 1% KCL, 1 gal./1000 surfactant, 1 gal./1000 NE agent as follows:

20,000	gallons	PAD			25#/1000	FLA
10,000	gallons	w/ 1/2#/gal.	20/40	sand	25#/1000	FLA
10,000	gallons	w/ 1#	/gal.			
20,000	gallons	w/ 2#	/gal.			
20,000	gallons	w/ 3#	/gal.			

Flush to top perforation. Total sand 115,000# in 80,000 gal. gel.

GALLUP FORMATION PERFORATIONS AND STIMULATION

Perforated Gallup Formation from 6830' to 7358' with 1 shot at:

6956	6972	6988	6998	7028	7042	7054	
7064	7080	7088	7096	7128	7142	7146	7152
7156	7160	7172	7188	7204	7206	7218	7222
7230	7236	7246	7254	7270	7274	7308	7314
7334	7340	7358					

Total of 34 holes.

Acidized down casing with 2500 gallons 15% HCL acid and drop
60 7/8" ball sealers and ball off to 3000 psig.

Frac treated down casing @ 55 BPM using 1% KCL water and 1 gal./1000
Aquaflow, 25#/1000 Aquaseal 2 and 2-1/2#/1000 FR2 as follows:

25,000	gallons	PAD	
10,000	gallons	w/ 1/2# / gal.	20/40
20,000	gallons	w/ 1# / gal.	
20,000	gallons	w/ 1-1/2#/gal.	
30,000	gallons	w/ 2# / gal.	

Flush to bottom perforation. Total sand 115,000# 20/40 in
105,000 gallons slick water.