

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

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENOV. ☐ Other ☐
2. NAME OF OPERATOR
3. ADDRESS OF OPERATOR
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1520' From South and 990' From East
At top prod. interval reported below Same
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.
NM 03353
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME

9. WELL NO.
346-M

10. FIELD AND POOL, OR WILDCAT
Blanco Mesa Verde

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
Section 22, 26 North 6 West

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. PERMIT NO. DATE ISSUED
15. DATE SPUDDED 5-5-84 16. DATE T.D. REACHED 5-22-84 17. DATE COMPL. (Ready to prod.) 9-20-84 18. ELEVATIONS (DF. RKB, RT, GR, ETC.)* 6723 Gr 19. ELEV. CASINGHEAD 7630'

20. TOTAL DEPTH, MD & TVD 7630' 21. PLUG, BACK T.D., MD & TVD 7630' 22. IF MULTIPLE COMPL., HOW MANY* (2) Two 23. INTERVALS DRILLED BY ROTARY TOOLS 0-7630 CABLE TOOLS No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5472' to 4800' (Mesa Verde) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Neutron and Gas Spectrum Logs 27. WAS WELL CORRED 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"	36# H-40	390'	12 1/4"	275 Sacks (310 Cu.Ft.)	None
5 1/2"	15.5 & 17#	7630'	7 7/8"	1350 Sacks (2086 Cu.Ft.)	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4"	5470	5490

31. PERFORATION RECORD (Interval, size and number)

1-.42-5472 1-.42-5192 1-.42-4800
1-.42-5456 1-.42-5148
1-.42-5432 1-.42-5016
1-.42-5382 1-.42-4940
1-.42-5308 1-.42-4917

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5472' to 4800'	40,000# 20-40 Sand and 1196 bbls 20# Gel Fluid 55,000# 20-40 Sand and 1503 bbls 20# Gel Fluid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9-27-84		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
9-27-84	3 Hours	3/4"	→		143			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
69	414	→		1147				

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

TEST WITNESSED BY

Gas to be sold to Gas Company of New Mexico (Condensate to Shell Oil Co.)

35. LIST OF ATTACHMENTS

Complete cement Records

ACCEPTED FOR RECORD

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

SIGNED Charles Vergara TITLE Superintendent

DATE OCT 02 1984 9-27-84

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2344	2561	Water Sand	Alamo	2344	2344
Pictured Cliffs	3146	3237	Gas Sand	Pictured Cliffs	3146	3146
Mesa Verde	4776	5478	Gas Sand	Mesa Verde	4776	4776
Greenhorn	7175	7257	Gas Sand	Greenhorn	7175	7175
Dakota	7212	7489	Gas Sand	Dakota	7212	7212
Hole Deviation Test						
			Depth			Degrees
			390			1/4
			895			3/4
			1403			3/4
			1905			3/4
			2420			1/2
			2819			1 1/2
			3130			1 3/4
			3645			1 3/4
			3973			1 3/4
			4164			1 3/4
			4513			1
			5023			1
			5423			1
			5885			3/4
			6374			3/4
			6879			3/4
			7383			3/4
			7600			1

Ran new 5 1/2" J-55 Smls 8rd thd Casing as follows:

7630' to 6622'	(1007.84 24 Joints)	New 5 1/2"	17#	ST&C	J-55 Smls Casing
6622' to 1040'	(5581.59' 133 Joints)	New 5 1/2"	15.5#	ST&C	J-55 Smls Casing
1040' to Surface	(1030.98' 25 Joints)	New 5 1/2"	17#	LT&C	J-55 Smls Casing

Stage Tools run in Casing at 5622' and 3165'.

Cement Baskets run on Casing string at 5665' and 3178'.

24 Centralizers run on Casing string at following points:

7587', 7544', 7501', 7458', 7415', 7371', 7328', 7285', 7241', 7197', 7154', 7113', 5583', 5453', 5369', 5327', 5282', 5241', 5198', 5155', 5111', 5067', 3149' and 3019'.

Cemented 5 1/2" Casing in three (3) Stages.

First Stage thru shoe at 7630' with 250 sacks (412.50 Cu.Ft.) 50-50 Poz, 6% Gel containing 12 1/2# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 5:10 PM 5-22-84.

Second Stage cemented thru Stage Tool set at 5622' with 250 sacks (412.50 Cu.Ft.) 50-50 Poz, 6% Gel containing 12 1/2# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 6:30 PM 5-22-84

Third Stage cemented thru Stage Tool set at 3165' with 550 sacks (907.50 Cu.Ft.) 50-50 Poz, 6% Gel containing 12 1/2# Gilsonite per sack followed by 100 sacks (118 Cu.Ft.) Neat Cement.
Plug down 7:45 PM 5-22-84.

Cement circulated on all three Stages.

Approx 5 bbls slurry on first Stage.
Approx 2 bbls slurry on second Stage.
Approx 20 bbls slurry on third Stage.