

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ROSEN, NEW MEXICO 83240

SUBMIT IN DUPLICATE

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. CENVR. ☐ Other ☐

2. NAME OF OPERATOR

American Exploration Company

3. ADDRESS OF OPERATOR

2100 RepublicBank Center, Houston, Texas 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1980' EST. & 660' F.W. of Sec. 6, T21S, R38E, Lea Co., New Mexico

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-025-30585

DATE ISSUED

3/23/89

15. DATE SPUDDED

4/11/89

16. DATE T.D. REACHED

4/29/88

17. DATE COMPL. (Ready to prod.)

5/19/89

18. ELEVATIONS (OF RKB, RT, GR, ETC.)*

3559

20. TOTAL DEPTH, MD & TVD

7800'

21. PLUG BACK T.D., MD & TVD

7771

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

7390-7563', 7584-7739' Lower Abo

7105-7342' Upper Abo

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Spectralog/CCL

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
8-5/8"	24#	1600'	12-1/4	550 sx. Howco Lite	None
				+200 sx. Howco Prem	
5-1/2"	15.5	7800'	7-7/8"	935 sx. Halliburton Lite	None
				+725 sx. Halliburton Prem	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7293	7293

31. PERFORATION RECORD (Interval, size and number)

7390-7739' (172 SPF)

7105-7342' (104 SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7390-7739	15000 gal. NEEF acid
7105-7342	10000 gal. NEEF acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/19/89		Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
6/05/89	24	22/64"	→	32	40	56	1.25
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
725		→	32	40	56	41	

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

Sold

TEST WITNESSED BY

None

35. LIST OF ATTACHMENTS

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

SIGNED

Marty B. McClanahan

Sr. Production Analyst

DATE 6/13/89

*(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
Drinkard	6900'	6950	Shale and porous dolomite	Glorieta Blinebry Tubb Drinkard Abo
Drinkard	6951	7007	Dolomite and shale. Visible vugular light tan	
Drinkard/Abo	7007	7056	Light stain. Dolomite interbedded lime.	
Abo	7056	7181	Dense dolomite and shale.	
Abo	7251	7400	Dolomite, shale and anhydrite	
				5534'
				6019'
				6489'
				6810'
				7044'

MEAS. DEPTH
TRUE
VERT. DEPTH