

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

RECEIVED

DEC 11 1989

JAN 9 1991

LEASE DESIGNATION AND SERIAL NO.

NM-33437

IF INDIAN, ALLOTTEE OR TRIBE NAME

CONFIDENTIAL

FARM OR LEASE NAME

PMS 8 Federal

WELL NO.

#4

FIELD AND POOL, OR WILDCAT

North Shugart Bone Springs

SECTION, T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 8, T18S, R31E

COUNTY OR

PARISH

Eddy

STATE

NM

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ REPAIR ☐ Other ☐

2. NAME OF OPERATOR

Harvey E. Yates Company

3. ADDRESS OF OPERATOR

P.O. Box 1933, Roswell, New Mexico 88202

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

At surface 1880' FNL & 1980' FEL

ASTORIA, OREGON

At top prod. interval reported below

At total depth same

11. PERMIT NO.

30-015-26218

DATE ISSUED

10/23/89

15. DATE SPUDDED

10/27/89

16. DATE T.D. REACHED

11/15/89

17. DATE COMPL. (Ready to prod.)

12/7/89

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

3696.0 GL

19. ELEV. CASINGHEAD

3696.0

20. TOTAL DEPTH, MD & TVD

8654

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

8605

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

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

7932-8347

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DDL w/Micro & D-N w/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
13 3/8	54.5	350	17 1/2	375 sks	Circ
8 5/8	32	2060	12 1/4	1000 sks	Circ
5 1/2	17	8654	7 7/8	1350 sks	TQC @ 2100

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	7740	TA @ 7090

31. PERFORATION RECORD (Interval, size and number)

7932-8347 1 spf- 9 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7932-8347	3300 gals 7 1/2% HCL & 18 BS Frac w/100,000 gals BS40 & 172,500# 16/20 Carbolite

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut in)	
12/7/89		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS OIL RATIO
12/11/89	24	0	→	91	110	36	1209
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	0	→	91	110	36	38	

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

Used on lease

TEST WITNESSED BY

Curtis Tolle

35. LIST OF ATTACHMENTS

Deviation Survey & E-Logs

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

SIGNED NM Young NM Young TITLE Drilling Superintendent DATE 12/13/89

*(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Rd Bd & Surf Rx	0	550		Rustler	533	533
Anhy & Salt	550	2000		Yates	2002	2002
Dolo & Sand	2000	3700		7 Rivers	2350	2350
Sand & Dolo	3700	4150		Bowers	2810	2810
Dolo	4150	4350		Nueen	3070	3070
Sand	4350	5250		Penrose	3296	3296
Dolo & Lime	5250	7300		Grayburg	3640	3640
Sand	7300	7700		Premier	3906	3906
Dolo	7700	7920		San Andres	4010	4010
Sand	7920	8520		Delaware	4873	4873
Dolo	8520	8654		Bone Springs	5260	5260
TD	8654	8654		TD	8654	8654