

Form approved. 3
Budget Bureau No. 1004-0137
Expires August 31, 1985

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE.

(See other instructions on reverse side)

Expires August 31, 1985
RECEIVED
PLEASE DESIGNATION AND SERIAL NO.

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. RESER.

☐

Other

2. NAME OF OPERATOR

Hondo Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2208, Roswell, NM 88202

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

At surface

330' FNL & 2310' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

8/8/88

7. UNIT AGREEMENT NAME

East Shugart Unit

8. FARM OR LEASE NAME

Shugart Yates, 7R, On, Grb

9. WELL NO.

31

10. FIELD AND POOL, OR WILDCAT

Sec. 3-T19S-R31E

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

2/6/41

16. DATE T.D. REACHED

3/5/89

17. DATE COMPL. (Ready to prod.)

3/28/89

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

3614' DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4361'

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

4003'

22. IF MULTIPLE COMPL., HOW MANY

23. INTERVALS DRILLED BY

2665-4361'

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

3314-3530', 3584-3864' Queen

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MLL, ZDL/CN/GR/CAL

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 BULLED
8"		948'		50 sx.	
7"		2429'		100 sx.	
4 1/2"		4361'	6 1/4"	200 sx. BJ Lite + 450 sx. Class C	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3928'	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3928'	

31. PERFORATION RECORD (Interval, size and number)

4086-4106'	11 holes
4049-4063'	5 holes
3584-3864'	30 holes
3314-3530'	30 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4086-4106'	100 sx. Class C cmt.
4049-4063'	500 gal. 15% NEFE acid
	CIBP set @ 4003'
3584-3864'	3000 gal. 15% NEFE acid

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
4/2/89	Pumping 11/2" x 20' RWBC	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/7/89	24			30	20	100	

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			30	20	100	

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

Sold

35. LIST OF ATTACHMENTS

Logs, Deviation Survey

TEST WITNESSED BY

Mike Rogers

ACCEPTED FOR RECORD

SJS

DATE

APR 14 1989

SIGNED

Engineer

TITLE

Engineer

DATE

4/7/89

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

CARLSBAD, NEW MEXICO

Lyco Oil & Gas Company

Unit Shugart Unit #31

31 FNL & 2310' FEL

Sec. 3-T19S-R31E

254 Co., NM

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-item, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	746'	
				Yates	2252'	(+1372)
				Seven Rivers	2798'	(+826)
				Queen	3212'	(+312)
				San Andres	4110'	(-485)
				TD	4361'	

Hondo Oil & Gas Company
East Shugart Un #31
Sec.3-T19S-R31E
Eddy Co., NM
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32. 3584-3864'	30,000 gal. 30# cross-linked gel + 60,000# 20-40 sand
3314-3530'	3000 gal. 15% NEFE acid
3314-3530'	30,000 gal. gelled water + 60,000# 20-40 sand