

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Highland Production Company

3. ADDRESS OF OPERATOR

810 N. Dixie Blvd., Suite 202, Odessa, Texas 79761-2838

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

At surface 1650' FNL and 660' FEL

At top prod. interval reported below 1650' FNL and 660' FEL

At total depth 1650' FNL and 660' FEL

14. PERMIT NO.

DATE ISSUED

2/26/92

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

10/7/93

10/15/93

11/7/93

3145.0 GR

3148.0

20. TOTAL DEPTH, MD & TVD

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

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)*

Open Hole 4280-4300

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Neutron Log

27. WAS WELL CORED

no

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"	24.0#	1165'	12 1/2"	600 sacks cement	-0-
5 1/2"	15.5#	4280'	7 7/8"	675 Sacks Premium + W/ 50/50 POZ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE DEPTH SET (MD) PACKER SET (MD)
					2 3/8" 4125'

31. PERFORATION RECORD (Interval, size and number)

Open Hole 4280-4300

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4280'-4300'	5500 Gals. gelled crude oil 3000# 20/40 Frac Sand 1000# 12/20 Frac Sand

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11/7/93		Pumping - Cabot 114-64 16X2X1 1/2 Downhole pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/15/94	24			2	1	41	500
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	28#		2	1	41	40.7	

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

Vented - TSTM

TEST WITNESSED BY

Marvin L. Smith

35. LIST OF ATTACHMENTS

Inclination Survey, Gamma Ray Neutron Log

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

SIGNED

Marvin L. Smith

TITLE

President

DATE

4/26/94

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