

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUP **TE***

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

45F

5. LEASE DESIGNATION AND SERIAL NO.

NM57255

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Lobo Fed. #1

9. API WELL NO.
30-005-63008

10. FIELD AND POOL, OR WILDCAT
Lone Wolf Dev., South

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
sec 33-T13S-R29E

12. COUNTY OR
Chaves

13. STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other Aug 10

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. REMVR. Other 0 21 417

2. NAME OF OPERATOR
HANAGAN PETROLEUM CORPORATION

3. ADDRESS AND TELEPHONE NO.
P.O. Box 1737 - Roswell, NM 88202 - (505) 623-5033

RECEIVED
AUG 17 '94

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

At surface 1661' FSL & 2083' FWL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. 3/28/94

15. DATE SPUDDED 6/13/94	16. DATE T.D. REACHED 7/9/94	17. DATE COMPL. (Ready to prod.) 7/17/94	18. ELEVATIONS (OF. RKB, RT. GR, ETC.)* 3704gr - 3720kb	19. ELEV. CASINGHEAD 3704
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20. TOTAL DEPTH, MD & TVD 9723'	21. PLUG BACK T.D., MD & TVD 9723	22. IF MULTIPLE COMPL., HOW MANY* →	23. INTERVALS DRILLED BY →	ROTARY TOOLS all	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
9686-9723 open hole compl

25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR - Neu-Den - DLL - Sonic

27. WAS WELL CORRED
no

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8 SVC	48	225'	17.5"	circ. - 330 sx	none
8 5/8" J55	24#	2240	12.5"	circ. - 1050 sx	none
5.5" 180J55	15.5 - 17	9686'	7.875"	7500 calc - 480 sx	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.875"	9705'	9,666'

31. PREPARATION RECORD (Interval, size and number)

Open Hole - 9686'-9723'	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL (MD)
	9686-9723
	AMOUNT AND KIND OF MATERIAL USED
	500 gl 15% HCl acid

33. PRODUCTION

DATE FIRST PRODUCTION 7/16/94 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 7/19/94	HOURS TESTED 24	CHOKER SIZE 3/8"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 204	GAS—MCF. 2.65	WATER—BBL. 0	GAS-OIL RATIO 13.0
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FLOW. TUBING PRESS. 40#	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 204	GAS—MCF. 2.65	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 49
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented

35. LIST OF ATTACHMENTS
Deviation Survey and log copies

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

SIGNED [Signature] TITLE President DATE 8/5/94

ACCEPTED FOR RECORD
PETER W. CHESTER
AUG 11 1994

* (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
DST # 1:						
DEVONIAN	9684	9710	Drill Pipe Recovery: 1950' Gas 1500' oil Sampler Recovery: 2000 cc oil 1.2 cu. ft gas Inht. Hydrostatic: 4818 # 30" Initial Flow: 161 # - 255 # 60" Initial Shut-in: 3947 # 60" Final Flow: 285 - 522 # 120" Final S.I.: 3951 # Final Hydrostatic: 4790 #	Rustler Queen San Andres Glorich Tubb ABO WapCamp Penn Lime Strawn Atocha Chester Barnett k/miss LS Devonian	200' 1606 2196 3599 5008 5792 6912 7604 8468 8698 8874 8933 9004 9700	200' 1606 2196 3599 5008 5792 6912 7604 8468 8698 8874 8933 9004 9700

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AUG 10 8 21 AM '94

SEP
ROSW

WELL NAME AND NUMBER: #1 Lobo Federal
LOCATION: Sec.33 T13S R29E Chaves Co.
OPERATOR: HANAGAN PETROLEUM
DRILLING CONTRACTOR: ZIADRIL, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well, and that he has conducted deviation tests and obtained the following results:

<u>DEGREES AND DEPTH</u>		<u>DEGREES AND DEPTH</u>		<u>DEGREES AND DEPTH</u>	
.75	150'	1.25	6116'		
.50	225'	2.00	6647'		
1.00	569'	2.75	6772'		
1.00	907'	2.00	6892'		
1.25	1256'	1.25	6989'		
1.25	1599'	1.25	7209'		
1.75	1942'	1.00	7586'		
1.00	2240'	2.25	7931'		
1.00	2590'	1.75	8025'		
1.00	2930'	.75	8213'		
1.00	3272'	.75	8377'		
.50	3613'	.50	8523'		
1.25	3954'	1.00	8616'		
1.50	4295'	1.00	8709'		
1.00	4701'	1.25	8958'		
1.25	5025'	1.25	9211'		
.50	5228'	2.00	9462'		
1.50	5680'	2.50	9738'		

Drilling Contractor: ZIADRIL, Inc.

By Billy Jensen
Billy Jensen

Subscribed and sworn to before me this 8th day of August, 1994

My commission Expires:

September 13, 1996

Virginia G. Perry
Notary Public
Lea County, New Mexico