

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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. RESVR. ☐ Other ☐

2. NAME OF OPERATOR
Harrison Interests, Ltd.

3. ADDRESS OF OPERATOR
520 Post Oak Blvd., Suite 600 Houston, Texas 77027

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FSL & 1980' FEL, Sec. 30, T-18-S, R-33-E

At top prod. interval reported below
At total depth Same

14. PERMIT NO. N/A DATE ISSUED

15. DATE SPUDDED 3-28-87 16. DATE T.D. REACHED 4-6-87 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3758 GR 19. ELEV. CASINGHEAD 3758'

20. TOTAL DEPTH, MD & TVD 4,450' 21. PLUG BACK T.D., MD & TVD 4,392' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY N/A 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* N/A 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray, Density, Neutron, Dual Laterlog 27. WAS WELL CORED Yes

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#	437.16'	12 1/4	425 sacks Class 'C'	0
4 1/2"	11.6#	4,448.00'	7 7/8	800 sacks Halliburton Lt	0

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4,106'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4,117' - 4,122'		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4,128' - 4,133'			
4 shots per foot with 3 3/8" casing gun			

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
Not Producing							
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

35. LIST OF ATTACHMENTS
Deviation Survey

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

SIGNED [Signature] TITLE Regulatory Coordinator DATE April 30, 1987

*(See Instructions and Spaces for Additional Data on Reverse Side) TA Comp. Jointed

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 recovery of

38. GEOLOGIC MARKERS

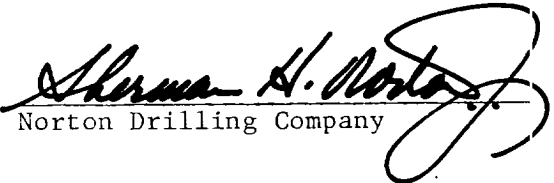
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Queen	4,076'	4,140'		Rustler	1,272'	1,272'
Penrose	4,310'	4,380'		Yates	2,873'	2,873'
CORE RECORD				Queen	4,076'	4,076'
				Pen Rose	4,310'	4,310'
Queen	4,102'	4,147				
Sand	4,102'	3,500				
Sandy Dolomite	4,135'	4,141				
Anhydrite	4,141'	4,147				

NOBLE OIL CO.
MAY 1 1937
RECORDED

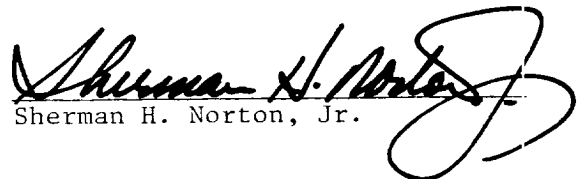
Deviation surveys taken on Harrison Interests Buffalo Federal #1 in
Lea County, New Mexico:

<u>Depth</u>	<u>Degree</u>
176	.50
440	.75
925	1.00
1264	1.00
1762	1.00
2254	.50
2746	2.75
2898	2.25
3331	.75
3824	.25
4102	.75
4450	1.25

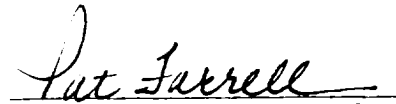
I hereby certify that I have personal knowledge of the facts placed on
this sheet and that such information given above is true and complete.


Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared
Sherman H. Norton, Jr., known to me to be the person whose name is
subscribed hereto, who, after being duly sworn, on oath states that he
is the drilling contractor of the well identified in this instrument
and that such well was not intentionally deviated from the vertical
whatsoever.


Sherman H. Norton, Jr.

SWORN AND SUBSCRIBED TO before me this 23rd day of April 1987.


Notary Public in and for
Lubbock County, Texas

My Commission Expires 4-9-88.