

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-2355.5.

5. NAME DESIGNATION AND SERIAL NO.

NM 0560353

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mabel Hale Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undesignated Bone Springs
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 11-19S-30E

12. COUNTY OR PARISH
Eddy13. STATE
NM

1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DR ☐

RECEIVED BY

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. REVEN ☐

JUN 04 1984

O. C. D.

ARTESIA, OFFICE

2. NAME OF OPERATOR

Great Western Drilling Company

3. ADDRESS OF OPERATOR

P.O. Box 1659, Midland, TX 79702

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

At surface 860' FNL & 1,650' FWL, Sec. 11, T-19-S, R-30-E

At top prod. interval reported below
Unit Letter C

At total depth

14. PERMIT NO.

DATE ISSUED

1-23-84

15. DATE SPUDDED

2-8-84

16. DATE T.D. REACHED

3-8-84

17. DATE COMPL. (Ready to prod.)

5-15-84

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

3,395.4' GL, 3,411.60' KBM Est. 3393.4'

20. TOTAL DEPTH, MD & TVD

8,785'

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

8,784'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

Rotary

CABLE TOOLS

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

1st Bone Springs: 8,398' to 8,587' w/58 holes

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Guard Forxo, Comp. Density Dual Sp. Neutron, Comp. Analyzed

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"	48	417.11'	17 1/2"	380 Sxs C + 2% CaCl	Circ.
8-5/8"	24 & 32	3,701.01'	11"	2,650 Sx C + 3,205 Sx L+400	SCF Nitro (Circ.
4-1/2"	10.5 & 11.6	8,785.53'	7-7/8"	700 Sx L + 500 Sx 50-50 Poz	H(TC 2,920')

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8,361.76'	8,323.01'

31. PERFORATION RECORD (Interval, size and number)

2nd Bone Springs: Perf; 8,777' to 8,783' w/7 holes, acidized w/1,500 gals. BP @ 8,718'

1st Bone Springs: Perf; 8,398' to 8,587' w/58 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8,398'-8,587' Acidized	4,000 gals. frac w/64,000 gals gel wtr, 595,000 SCF nitro, 180,000 lbs. 20-40 mesh sd & 1,500 lbs. 100 mesh salt.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
5-2-84		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
5-15-84	24	12/64"	→	135	147	39	1,089	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
0-150 psi	Packer	→	135	ACCEPTED FOR RECORD	39	40.1		

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

Sold

TEST WITNESSED BY

Kenneth Smith

35. LIST OF ATTACHMENTS

Deviation Survey, DST Record & 2 sets of logs.

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

SIGNED

M. B. Myers

TITLE

Ass't. to the MEXCO.

DATE

5-23-84

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
1st Bone Springs	8,450	8,590	Lime & sand	Yates	2,208'	(+1,204')
2nd Bone Springs	8,642	T.D.	Lime & Dolo.	7 Rivers	2,333'	(+1,079')
				Queen	2,700'	(- 712')
				San Andres	3,470'	(- 58')
				Lovington	4,140'	(- 728')
				Delaware	5,033'	(-1,621')
				Bone Spring	5,988'	(-2,576')
				1st Bone Spring	8,450'	(-5,038')
				2nd Bone Spring	8,642'	(-5,230')