

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. NM 0560353			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REGRV. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR Great Western Drilling Company				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P. O. Box 1659, Midland, Texas 79702				8. FARM OR LEASE NAME Mabel Hale Federal			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1,980' FNL, 1,980' FWL, Section 11, 19S-30E <i>don't letter F</i> At top prod. interval reported below At total depth				9. WELL NO. 1			
14. PERMIT NO.				DATE ISSUED Nov. 19, 1982			
15. DATE SPUNDED 12-5-82				16. DATE T.D. REACHED 1-17-83			
17. DATE COMPL. (Ready to prod.) 8-16-83				18. ELEVATIONS (OF R.B.B., RT, GR, ETC.) 3370' G.L.			
19. ELEV. CASINGHEAD Est. 3368'				12. COUNTY OR PARISH Eddy			
13. STATE New Mexico				10. FIELD AND POOL, OR WILDCAT Wildcat Bone Springs			
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 11-19S-30E				12. COUNTY OR PARISH Eddy			
13. STATE New Mexico				14. PERMIT NO.			
15. DATE SPUNDED 12-5-82				16. DATE T.D. REACHED 1-17-83			
17. DATE COMPL. (Ready to prod.) 8-16-83				18. ELEVATIONS (OF R.B.B., RT, GR, ETC.) 3370' G.L.			
19. ELEV. CASINGHEAD Est. 3368'				20. TOTAL DEPTH, MD & TVD 12,111'			
21. PLUG, BACK T.D., MD & TVD 8,590.5'				22. IF MULTIPLE COMPL., HOW MANY*			
23. INTERVALS DRILLED BY Rotary				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Perfs: 8,434.5' to 8,591' (50-holes) Bone Springs			
25. TYPE ELECTRIC AND OTHER LOGS RUN DIL, Caliper, GR/Comp. Neutron- Density and Dip Meter				26. WAS DIRECTIONAL SURVEY MADE No			
27. WAS WELL CORRED No				28. CASING RECORD (Report all strings set in well) ARTESIA, OFFICE			
29. LINER RECORD				30. TUBING RECORD			
31. PERFORATION RECORD (Interval, size and number) Bone Springs Perfs: 8,434.5' - 8,591' (50 holes)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 8,434.5' - 8,591' Acidize w/ 5,500 gals. 15% HCL. 65,500 SCF- Nitrogen & 110-7/8" ball sealers.			
33. PRODUCTION 8-8-83 Flowing				34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented- Waiting on gas connection			
35. LIST OF ATTACHMENTS Drlg & Comp. Report, Deviation Survey, Set 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. Meyer

TITLE

Ass't to Gen. Supt
ROSWELL, NEW MEXICO

DATE

9-14-83

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
1st Bone Springs	8,465'	8,589'	Lime & Sand- Oil Completion zone
2nd Bone Springs	8,760'	8,867'	Lime & Dolo.- Sale Water
Wolfcamp	9,800'	9,887'	Sand & Lime- Salt Water & Trace Oil
Morrow	11,707'	11,801'	Lime, Sand & Shale- Gas
Morrow	11,822'	12,001'	Shale, Lime & Sand- Gas & Salt Water

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	2,200'	(+1188')
7- Rivers	2,310'	(+1078')
Queen	2,690'	(+698')
San Andres	3,550'	(-162')
Lovington	4,200'	(-312')
Delaware	5,005'	(-1617')
Bone Springs	6,002'	(-2614')
3rd Bone Sp.	9,210'	(-5822')
Wolfcamp	9,690'	(-6302')
Strawn	10,760'	(-7372')
Atoka	11,050'	(-7662')
Morrow Ls.	11,270'	(-7882')
Morrow Clastic	11,690'	(-8302')
Morrow C	11,900'	(-8512')
Barnett	12,015'	(-8627')