

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM-8945

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [X] Other []

b. TYPE OF COMPLETION: NEW WELL [] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other [] APR 30 1979

2. NAME OF OPERATOR: BEARD OIL COMPANY O. C. C. ARTESIA OFFICE

3. ADDRESS OF OPERATOR: 2000 Classen Center, Suite 200 So., Okla. City, OK 73106

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FEL (NW SE) At top prod. interval reported below Same as above At total depth Same as above

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: DeSmet-Federal

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 28-9S-30E

12. COUNTY OR PARISH: Chaves 13. STATE: New Mexico

15. DATE SPUDDED: 2-24-79 16. DATE T.D. REACHED: 4-1-79 17. DATE COMPL. (Ready to prod.): D&A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 4057' GL; 4072' DF; 4074' KB; 4055'

20. TOTAL DEPTH, MD & TVD: 9900' 21. PLUG BACK T.D., MD & TVD: ----- 22. IF MULTIPLE COMPL., HOW MANY*: ----- 23. INTERVALS DRILLED BY: 0-9900'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: None 25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Laterolog & MicroLaterolog from 2797-9898'; Gamma Ray Compensated Neutron Densilog from 9900-2800' 27. WAS WELL CORED: No

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 13-3/8" casing with 54.5 lb/ft weight and 17 1/2" hole size.

Table with 8 columns: LINER RECORD (SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD)) and TUBING RECORD (SIZE, DEPTH SET (MD), PACKER SET (MD)).

Table with 2 main sections: 31. PERFORATION RECORD (Interval, size and number) and 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED).

Table with 8 columns: PRODUCTION (DATE FIRST PRODUCED, METHOD, WELL STATUS) and TEST DATA (DATE OF TEST, CHOKER SIZE, PROD'N FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO).

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

35. LIST OF ATTACHMENTS: None - Electric logs were sent direct to the U. S. G. S. by the Logging Company, Dresser Atlas.

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

SIGNED: James W. Vater, Jr. TITLE: Vice President DATE: 4-25-79

*(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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	2722	4078	
San Andres	2722	4078	Limestone, dolomite
Abo	6462	7440	Dolomite, shale
Wolfcamp	7440	7988	Limestone, shale
Cisco	7988	8264	Limestone
Canyon	8264	8704	Limestone
Atoka	9116	9848	Shale, sandstone
Mississippian	9848	9900 TD	Limestone
DST #1 (Atoka)	9255-9429; ISIP 30"; IFF 30"; ISIP 65"; FFP 60"; FSIP 120".	IFF 30"; ISIP 65"; FFP 60"; FSIP 120".	Recovered 120" ISIP 139 psi; FFP 93 psi; FSIP 186 psi; FHP 4894 psi.
DST #2 (Atoka)	9420-9474; IFF 30"; ISIP 60"; FFP 60"; FSIP 180";	IFF 30"; ISIP 60"; FFP 60"; FSIP 180";	Recovered 800" IFF 390 psi; ISIP 2030 psi; FFP 207 psi; FSIP 2578 psi; FHP 4883 psi.
DST #3 (Morros)	9750-9900; 30" preflow; 60" ISIP; 60" FFP; 180" FSIP.	30" on initial flow, gauged maximum of 485 MCFG on 2nd flow.	Tool opened w/strong blow, gauged 763 MCFG after 30" on initial flow, gauged maximum of 485 MCFG on 2nd flow. Recovered 1281' fluid (279' H2O, 279' thin mud, 723' SW). IHP 5227 psi; IFF 558-1061 psi; ISIP 3141 psi; FFP 698-782 psi; FSIP 3058 psi; FHP 5227 psi.
DST #4 (Abo)	7350-7400' (straddle test); 30" IFF, 60" ISIP; 60" FFP; 180" FSIP.	IFF 139 psi; 1st IFF 139 psi; 1st FSIP 1533 psi; FFP 139 psi; FHP 3836 psi.	Recovered 310' drlg mud, no shows. Recovered 1783 psi; FHP 3836 psi.