

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number SF-078213 6. If Indian, All. or Tribe Name 7. Unit Agreement Name
2. Name of Operator MERIDIAN OIL	8. Well Name & Number McCord B #1 9. API Well No.
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	10. Field and Pool Basin Dakota 11. County and State San Juan Co, NM
4. Location of Well, Footage, Sec., T, R, M 1175' FSL, 1140' FWL Sec. 23, T-30-N, R-13-W, NMPM m	
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA	
Type of Submission <input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	Type of Action <input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other -
<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut off <input type="checkbox"/> Conversion to Injection	
13. Describe Proposed or Completed Operations	

It is intended to shut off the gas flow behind the casing per the attached procedure and wellbore diagram.

RECEIVED
NOV 8 1993
OIL CON. DIV.
DIST. 2

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OCT 29 1993
OCT 29 1993

14. I hereby certify that the foregoing is true and correct.

Signed *[Signature]* (TJM) Title Regulatory Affairs Date 10/28/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any: _____

Date
APPROVED

NOV 03 1993
DISTRICT MANAGER

NMOCD

Pertinent Data Sheet - McCord B #1

Location: Sec. 23 T- 30N R-13W County: San Juan, New Mexico

Field: Basin Dakota **Elevation:** GL: 5763' **TD:** 6565' **PBTD:** 6530'

Spud Date: 12/11/62 **Completed:** 12/26/62

Initial Potential: AOF: 4182 MCFD

Casing/Liner Record:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>TOC</u>
12-1/4"	8-5/8"	24# J-55	297'	170	Surf (Calc.)
7-7/8"	4-1/2"	10.5# J-55	6553'	295	Surf (Circ) *

* Squeezed from 306'-337' to surface. Pressure tested to 1100 psi. Squeezed was tested 9-93 by pumping down BH valve. Pumped @ 1 BPM & 600#.

Tubing Record:

<u>Tubing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>
1-1/2"	2.9 K-55	6430'

Formation Tops: Estimated

Ojo Alamo	300'
Kirtland	430'
Fruitland	1280'
Pictured Cliffs	1760'
Cliff House	3330'
Menefee	3500'
Point Lookout	4155'
Gallup	5468'
Dakota	6330'

Logging Record: Induction & F. D. Log

Stimulation: Perfed 6334'-44', 6396'-6404', 6418'-26', 6433'-44', 6454'-58', 6462'-66', 6496'-6502'. Fraced w/ 75,000# snd in slickwater w/ 528,000 scf CO2.

Workover History:

5-17-79	Tested tbq for a leak using a choke - tbq was OK
6-14-79	Treated well 100 gal of 15% HCL & 7 bbl soap.
6-24-83	Sq csg leak between 306' and 337' w/ 130 cuft cmt. Cmt was circulated out of the bradenhead valve. Pressure tested to 1100 psi. The well was also acidized.

TJM
9/23/93

MCCORD B #1 DK
Repair Procedure
M Sec 23 T30N R13W
San Juan County, New Mexico

1. Comply with all NMOCD, BLM, & MOI rules and regulations. Test rig anchors & MI blow pit. MOL and RU completion rig. NU adapter flange & BOP with flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line. Blow well down. Only if necessary, kill well w/ water. **DO NOT OPEN THE BRADENHEAD VALVE.**
2. TOH w/ the 1-1/2" tbg (6430').
3. TIH w/ 4-1/2" csg scrapper on tested 2-3/8" tubing to 6300'. TOH.
4. TIH w/ 4-1/2" retrievable bridge plug and set @ 6300'. Load hole. TOH. Dump 1 sx sand on RBP. Fluid in the casing must not have gas pockets to ensure proper test.
5. MI & RU Wireline truck. Run a Cement Bond log from 6300' to TOC. Apply 500 psi if necessary to clarify bond. Pressure test csg to 1000 psi. **Squeeze holes between 306' & 337' were tested to 1100 psi.**
6. Open bradenhead valve & allow well to flow into the pit (**ONLY when you are ready to run the log**). Run Audio Profile log to locate the source of gas entry behind the 4-1/2". (Top of Pictured Cliffs is @ 1760', top of Fruitland is @ 1280' and the top of the Ojo Alamo is @ 300'.) **Note:** From the point of entry, gas is in communication w/ the bradenhead valve.
7. Perf 2 SQ holes in 4-1/2" csg just below the point of gas entry. TIH w/ 2-3/8" tbg. & pkr to 150' above SQ perfs. Load backside and apply 500 psi. W/ bradenhead valve open and the pipe rams closed establish rate down 2-3/8". If circ can be established w/ bradenhead valve, circ cmt out bradenhead valve. **Do not try to cmt more than 2500'.** Cmt w/ class "B" w/ 0.6% F.L. additive and 2% CaCl. Max pressure is 1000 psi. Flush cmt w/ water to leave 50' above perfs. Rig down cement crew. Wait 4 hours and check for flow. If there is no flow TOH. Otherwise test every hour thereafter.
8. TIH with 3-7/8" bit on 2-3/8" tbg. Drill out cmt w/ air/mist below the squeeze holes & pressure test to 1000 psi. Resqueeze if necessary. When pressure test holds, circ sand off RBP @ 6300' w/ air/mist (2% KCL). Retrieve BP. TOH. TIH w/ 3-7/8" bit on 2-3/8" tbg & C.O. to PBTD 6530'. TOH.
9. Run 2-3/8" tbg. Set @ 6340' w/ S.N. one joint above bottom.
10. Release rig & resume production.

Approve: _____

J. A. Howieson

VENDORS:

Wireline:	Basin	327-5244
Cement:	Western	327-6222

MCCORD B #1
SECTION 23, T30N, R13W
SAN JUAN COUNTY, NEW MEXICO

WELLBORE SCHEMATIC

