

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <p>2. Name of Operator Meridian Oil Inc.</p> <p>3. Address & Phone No. of Operator Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec, T, R, M. 660' N, 1980' E Sec. 29, T-32-N, R-14-W, NMPM 8</p>	<p>5. Lease Number I-22-IND-2772</p> <p>6. If Indian, All. or Tribe Name Ute Mt</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number Ute #13</p> <p>9. API Well No.</p> <p>10. Field and Pool Barker Creek Paradox</p> <p>11. County and State San Juan County, NM</p>
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RECEIVED
SEP 5 1991

Bureau of Land Management
Durango, Colorado

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input checked="" type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	

13. Describe Proposed or Completed Operations

It is intended to plug back and test uphole Paradox intervals as per the attached procedure.

RECEIVED
OCT 17 1991
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Signed Peggy Shapoval (MP) Title Regulatory Affairs Date 9-3-91

(This space for Federal or State office use) Acting

APPROVED BY [Signature] TITLE Area Manager DATE 10/16/91
CONDITION OF APPROVAL, IF ANY:

SC

NM OGD

1953-1954
Q. 1953-1954
MIG. MOD. 20
C. 1212

Recommended Procedure

UTE #13 Paradox

UNIT B SECTION 29 T32N R14W
San Juan County, N.M.

All wirelines to be treated w/corrosion inhibitor.

1. Test location anchors, dig blow pit, and set blow tank.
2. Rig up for H2S safety & train all personnel that will be on location. Comply with all NMOCD, BLM, & MOI, rules and regulations. MI Swabbing unit. Swab 2-7/8" tbg for two days recording all information on each run: fluid level, water volume, gas volume, etc. RD Swabbing unit.
3. MOL and RU completion rig. NU 6" 900 series BOP (w/H2S trim) and stripping head. Test operation of rams. NU 2-7/8" relief line with 3000 psi gate valves on tubing head.
4. All water pumped into well should contain 2% KCL and heated to 100 degrees F. Drop 2-7/8" profile plug to seat on S.N. @ 8313' & test tbg to 3000 psi & backside to 1000 psi.
5. TOH w/2-7/8" tbg and Guib Uni-Pkr VI. Remove profile plug.
6. Assuming swabbed zone (2nd Sour) tested wet, run 7" cmt ret on 2-7/8" tbg & set @ 8350'. Load hole. Sq 2nd Sour w/42 sx cl "H" cmt (100% excess). PU, CO short way, TOH.
7. Run CBL & dual spaced neutron logs 8350'-7500'. Initiate sq operations as necessary, if cmt bonding is insufficient above or below 1st Sour or csg fails pressure test.
8. Perf Paradox 1st Sour w/4 spf 8290'-8323'. Use 4" casing gun w/shots phased @ 90 degrees, 23 gr charges which will give a 0.66" diameter hole and a penetration of 16" in concrete.
9. TIH w/7" retrievematic pkr on 2-7/8" tbg & set @ 8200'. Establish rate & acidize 1st Sour w/5000 gal. 20% HCL acid in two stages separated by 1500# diverting agent (85:15 mixture rocksalt & wax beads). Flush to top perf. All acid & flush to have 1000 scf/bbl Nitrogen. Pump liquid @ 1-1/2 to 2 BPM. Max. pressure = 5000 psi. Anticipated pressure = 3500 psi. Acid to contain the following additives per 1000 gal.:
 - 3 gal aquaflo
 - 3 gal corrosion inhibitor I17
 - 2 gal surfactant & de-emulsifier LT22
 - 3 gal silt suspending agent LT21
 - 5 gal Fe control XR2L
10. Let acid set for one hour, then allow well to flow back through choke manifold. Obtain gas, water, and oil rates and appropriate samples. Swab test if necessary.

UTE #13 - Paradox Test

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11. When interval has been sufficiently tested, TOH w/tbg & pkr.
 - a. If a decision is made not to plug the 1st Sour and to test the 3rd Sweet, set RBP @ 8200' on wireline & top w/20' sand. Pressure test to 1000 psi. Continue w/step #12.
 - b. If a decision is made to plug the 1st Sour and test the 3rd Sweet, run a 7" cmt ret on 2-7/8" tbg, set @ 8200', establish rate, & sq w/46 sx cl "H" cmt. PU, CO, pressure test to 1000 psi, TOH. Continue w/step #12.
 - c. If a decision is made to produce the 1st Sour & not test the 3rd Sweet, go to step #16.
12. Initiate sq operations as, necessary, to block the 3rd Sweet.
13. When pressure test holds & CBL indicates 50' of good bonding above & below 3rd Sweet interval, perf 3rd Sweet 7955'-70' w/4 spf using 4" casing gun, 90 degree phasing, w/32 gr charges. Total 200 holes. Perfs should have an average 0.66" hole diameter and a penetration of 16" in concrete.
14. TIH w/7" retrievematic pkr on 2-7/8" tbg & set @ 7900'. Establish rate & acidize 3rd Sweet w/3000 gal. 20% HCL acid in two stages separated by 1000# diverting agent (85:15 rocksalt & wax beads. Flush to top perf. All acid & flush to have 1000 scf/bbl Nitrogen. Pump liquid @ 1-1/2 to 2 BPM. Max pressure = 5000 psi. Anticipated pressure = 3800 psi. Acid to contain the following additives per 1000 gal.:
 - 3 gal aquaflow
 - 3 gal corrosion inhibitor I17
 - 2 gal surfactant & deemulsifier LT22
 - 3 gal silt suspending agent LT21
 - 5 gal Fe control XR2L
15. Let acid set for one hour, then allow well to flow back through choke manifold. Obtain gas, water, and oil rates and appropriate samples. Swab, if necessary.
16. When interval has been sufficiently tested, TOH w/ pkr. The decision to squeeze off one of these two tested intervals and produce the other one may be made at this time.
17. Run 2-7/8" tbg w/Model R-3 Double Grip pkr & set 100' above the producing interval.

Approve: _____

D. C. Walker