

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APR 8 1993

Sundry Notices and Reports on Wells

Bureau of Land Management
Durango, Colorado

1. Type of Well
GAS

5. Lease Number
I-22-IND-2772
6. If Indian, All. or
Tribe Name
~~Southern Ute UMT~~
7. Unit Agreement Name

2. Name of Operator
MERIDIAN OIL

8. Well Name & Number
Ute #8
9. API Well No.

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
1750' FSL, 940' FWL Sec. 15, T-32 -N, R-14-W, NMPM

10. Field and Pool
Paradox
11. County and State
San Juan Co, NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - sidetrack workover

3. Describe Proposed or Completed Operations

It is intended to sidetrack and drill a horizontal wellbore in the Upper Ismay member of the Paradox per the attached procedure and wellbore diagram.

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OIL CON. DIV.

DIST 2

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

Signed Robert S. Kershaw (MP) Title Regulatory Affairs Date 4/7/93

This space for Federal or State Office use) Robert S. Kershaw Title Regulatory Chief Date APR 9 1993
APPROVED BY
CONDITION OF APPROVAL, if any:

~~SUT ENERGY OFFICE~~

NMOCD

Ute #8 ST – Drilling Procedure

- 1) MIRU on location.
- 2) Pull 2 7/8" 6.5# J-55, N-80 tubing.

Prepare Section

- 1) TIH w/ casing scraper. Clean-out to 7800'.
- 2) Set CIBP @ 7800'.
- 3) Test 7" casing to 3500 psi for 30 min.
- 4) Mud-up to cut section.
- 5) RU Tri-State to cut section and underream. Cut 60' section (7650'-7710').
- 6) Underream section to 9".
- 7) RU Halliburton to set cement plug. Pump 42 sx class G neat w/ .75% Halad-322 (Fluid Loss, Friction Reducer).
- 8) Dress off cement plug to 7680' (KOP). TOOH.

Drilling Build Section

- 1) RU Eastman Teleco for directional drilling, MWD, and Gamma services.
- 2) RU Eastman Teleco Gyro. RI w/ Gyro on wireline and get inclination and direction at 7680' (KOP).
- 3) PU 4 3/4" 19.4 deg/100' FAB w/ mach I motor and 6 1/8" ATJ-33 bit. TIH. Orient bit. Azimuth = 356.5 deg.
- 4) Drill 1 kelly. TOOH. RU w/ Gyro and get inclination and direction.
- 5) TIH w/ build assembly. Orient. Drill @ 17 deg/100' to 80 deg inclination. Trip for bits if needed. TOOH.
- 6) TIH w/ 4 3/4" AKO set to 5 deg/100' and 6 1/8" HTC AS725 TSP bit. Drill remainder of build at 5 deg/100' from 80 deg. to 89 deg. inclination.

Drilling Lateral Section

- 1) At 89 deg inclination continue orienting/ steering assembly to reach target MD of 10617'. Trip for bits when necessary.

Vertical Section = 2745'.	Inclination = 89 deg.
Lateral Length = 2266'.	Azimuth = 356.5 deg.
Target TVD = 8068'.	North = 2740'
Target MD = 10617'.	West = 168'.

UTE #8 UPPER ISMAY
Recompletion Procedure
I 15 32 14 NM

2. Circulate for 1 hour. Short turp into 7". Circulate for 1 hour. TOH.

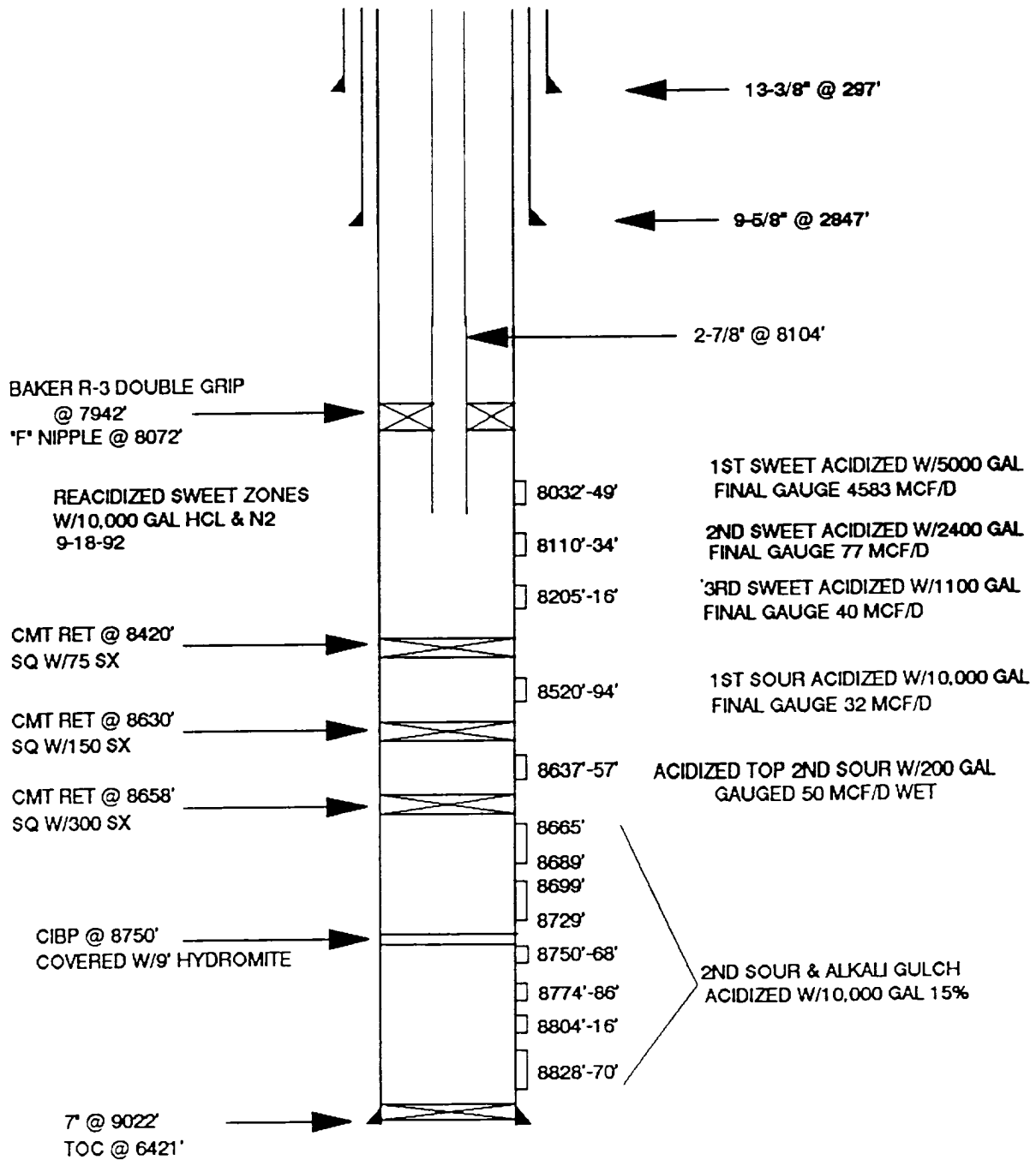
COMPLETION:

1. MIRU Coiled tbg unit w/ 2-3/8" OD tbg.
2. Install 5" Otis Hydra-Blast bit on 2-3/8" coiled tbg w/2-1/4" nozzels & TIH to kick-off point.
3. While circulating 2% KCL water @ 1/4 BPM, TIH to MTD.
4. With surface choke manifold open, start pumping 15% HCL acid w/100 scf/bbl N2. After 5 min., start pulling tbg @ 20 ft/min. Every 50 ft, stop pulling tbg but continue pumping for 5 min before continuing up hole (this should notch formation). Max. surface pressure is 5000 psi. Continue this process until all of Upper Ismay has been treated. Acid to contain 1 gal/1000 gal friction reducer, 4 gal/1000 gal corrosion inhibitor, and 1 gal/1000 gal Cationic surfactant. Total stage acid is 62,496 gal. TOH.
5. Remove Hydra-Blast bit w/2 nozzels and install Hydra-blast bit w/38 nozzels. TIH to kick-off point.
6. With surface choke pinched to about 1/2", start pumping 70 quality foam using a water base and continue into hole @ 40 ft/min to MTD (This will be the diverting agent for any high perm streaks or natural fractures). Total foam is 14,112 gal.
7. With choke manifold closed, pump 15% HCL acid w/100 scf/bbl N2 while pulling tbg out of hole at 20 ft/min. Max surface pressure is 5000 psi. Total stage acid is 28,476 gal. When all of Upper Ismay has been treated, TOH.
8. Decision will be made at this point whether to install snubbing equipment to run liner and tbg.
9. TIH w/ 6-1/8" bit on 2-7/8" L-80 tbg & CO to MTD w/ air mist. TOH.
10. Run 71 jts (3100') 4-1/2" 11.6# L-80 2 SPF plugged and perfed casing. Hang liner w/Baker liner hanger. TOH.
11. TIH w/ 3-7/8" bit on 2-7/8" tbg & drill out plugs w/ air/mist. TOH.
12. Run 4-1/2" Baker model R-3 double grip pkr on 2-7/8" tbg & set @ 8200'. Run S.N. one jt above pkr w/pump-out plug.
13. Pump out plug & establish production up tbg. Release rig.

Approved: _____
J. A. Howieson

UTE #8 PARADOX

UNIT L SECTION 15 T32N R14W
SAN JUAN COUNTY, NEW MEXICO



Meridian Oil
I-22-IND-2772
Ute No. 8 Well
NW SW Sec. 15, T. 32 N., R. 14 W.
San Juan County, NM

Conditions of Approval

1. Notify this office at least 12 hours prior to commencing operations.
2. All hydrogen sulfide safety/monitoring equipment will be in compliance with Onshore Order No. 6, Part III.C.