

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
MERIDIAN OIL

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

4. Location of Well, Footage, Sec., T, R, M
2310' FNL, 2310' FWL, Sec. 21, T-32-N, R-14-W, NMPM

5. Lease Number
I-22-IND-2772
6. If Indian, All. or
Tribe Name
Ute Mountain Ute
7. Unit Agreement Name
8. Well Name & Number
Ute #11
9. API Well No.
30-045-11342
10. Field and Pool
Barker Dome Paradox
11. County and State
San Juan Co, NM

RECEIVED

NOV 22 1995

Bureau of Land Management
Durango, Colorado

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

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other -
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
DEC - 5 1995

OIL CON. DIV.
DIST. 3

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

Signed [Signature] (LWD4) Title Regulatory Administrator Date 11/20/95

(This space for Federal or State Office use)

APPROVED BY (s) Jim Lovato Title AREA MANAGER Date DEC 4 1995

CONDITION OF APPROVAL, if any:

ACTING

W/CCD

PLUG & ABANDON PROCEDURE

Ute #11
Barker Creek Paradox
DPNO 3943
2310' FNL, 2310' FWL
Sec. 21, T32N, R14W
San Juan County, New Mexico

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and MOI safety rules and regulations.
2. Conduct safety meeting for all personnel on location. NU relief line.
3. Blow down well and load well with water. ND wellhead and NU BOPs. Test operation of BOPs.
4. Release Baker R-3 Packer and POH with 2 7/8" production tubing (8391', 266 jts.); visually inspect; if necessary PU 2 3/8" workstring. Run 7" gauge ring to 8400'.
5. **Plug #1 (Barker Creek Perforations and top; 8498' to 8243')**: PU and RIH with 7" cement retainer; set @ 8370'. Establish rate and squeeze Barker Creek perforations with 44 sxs Class B cement. Sting out of retainer and spot 45 sxs on top of retainer. Pressure test 7" casing to 500 psi and TOH.
6. **Plug #2 (Desert Creek & Upper Ismay tops; 8029' – 7771')**: Perforate 4 squeeze holes at 8029'. POOH. PU 7" CR and TIH. Establish rate with water into squeeze holes. Set CR @ 7979'. Sting into CR. Mix and pump 155 sxs Class B cement, squeeze 65 sxs cement outside casing and leave 90 sxs inside. TOH.
7. **Plug #3 (Hermosa top; 6677' – 6577')**: Perforate 4 squeeze holes at 6677'. POOH. PU 7" CR and TIH. Establish rate with water into squeeze holes. Set CR @ 6627'. Sting into CR. Mix and pump 56 sxs Class B cement, squeeze 24 sxs cement outside casing and leave 32 sxs inside. TOH.
8. **Plug #4 (9 5/8" Casing Shoe 5748' – 5648')**: Perforate 4 squeeze holes at 5748'. Establish rate with water into squeeze holes. . Mix and pump 54 sxs Class B cement, squeeze 23 sxs cement outside casing and leave 31 sxs inside. TOH. WOC and tag plug. POOH.
9. **Plug #5 (Entrada top; 3560' – 3460')**: Perforate 6 squeeze holes at 3560' through both the 7" and 9 5/8" casing. If casing tested, establish rate with water into squeeze holes, and attempt to establish circulation out intermediate casing valve and bradenhead. POOH. PU 7" CR and TIH. Establish rate with water into perfs. Set CR @ 3510'. Pressure test CR and casing to 500# psi. Sting into CR. Mix and pump 98 sxs Class B cement, squeeze 53 sxs cement into 9 5/8" casing x 12 1/4" open-hole annulus and 19 sxs into 7" casing x 9 5/8" casing annulus, and leave 26 sxs inside 7" casing from 3560' -- 3460'. POOH.
10. **Plug #6 (Dakota top; 2339' -- 2239')**: Perforate 6 squeeze holes at 2339' through both the 7" and 9 5/8" casing. If casing tested, establish rate with water into squeeze holes, and attempt to establish circulation out intermediate casing valve and bradenhead. POOH. PU 7" CR and TIH. Establish rate with water into perfs. Set CR @ 2289'. Sting into CR. Mix and pump 96 sxs Class B cement, squeeze 54 sxs cement into 9 5/8" casing x 12 1/4" open-hole annulus and 18 sxs into 7" casing x 9 5/8" casing annulus, and leave 24 sxs inside. POOH.

11. **Plug #7 (Surface; 425' -- Surface):** Perforate 4 squeeze holes @ 425' through both the 7" and 9 5/8" casing.. Establish circulation out intermediate and bradenhead valves. Mix and pump down 7" casing, circulate good cement out bradenhead valve, then shut valve; continue mixing until cement circulates out intermediate valve, approximately 400 sxs cement, then shut in well and WOC.
 12. Cut off wellhead below surface casing flange and install dry hole marker to BLM specifications. Release rig and restore location.
- * Cement volumes are calculated from 50' above to 50' below formation tops.
 - * Surface plug volume is calculated from 50' below casing shoe to surface.
 - * All cement volumes are calculated with 100% volume excess outside pipe and 10% by 1000 foot plug length excess inside pipe.
 - * Plugs spotted on top of cement retainers will fill minimum of 50' inside pipe.
 - * Stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

Recommended: _____
Operations Engineer

Approval: _____
Production Superintendent

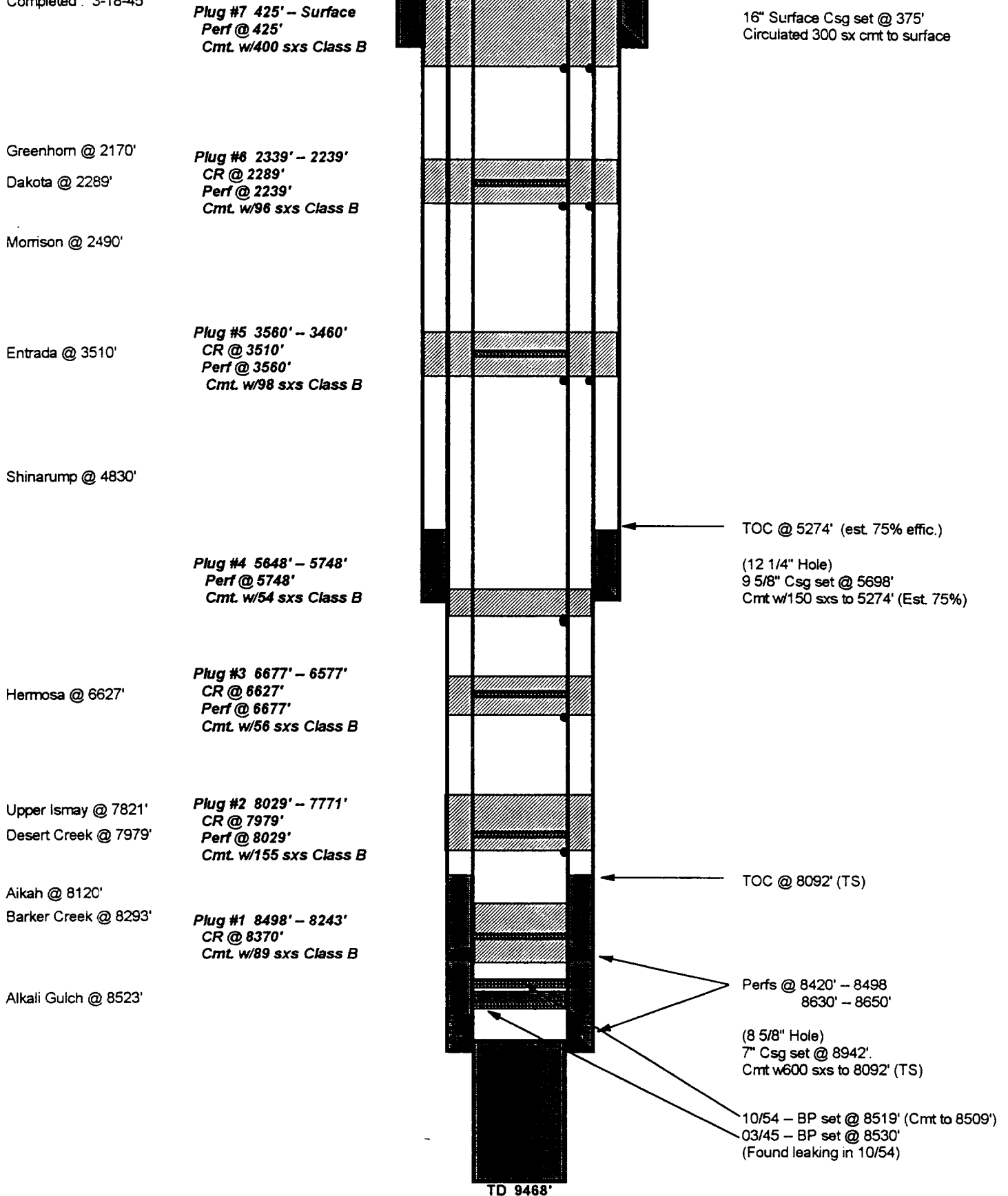
Ute #11

P & A

Barker Creek Paradox (DPNO 3943)

2310' FNL, 2310' FWL,
Section 21, T-32-N, R-14-W, San Juan County, NM

Spud: 6-25-44
Completed: 3-18-45



Ute #11

CURRENT -- 10-19-95

Barker Creek Paradox (DPNO 3943)

2310' FNL, 2310' FWL,
Section 21, T-32-N, R-14-W, San Juan County, NM

Spud: 6-25-44
Completed: 3-18-45

Greenhorn @ 2170'

Dakota @ 2289'

Morrison @ 2490'

Entrada @ 3510'

Shinarump @ 4830'

Hermosa @ 6627'

Upper Ismay @ 7821'

Desert Creek @ 7979'

Aikah @ 8120'

Barker Creek @ 8293'

Alkali Gulch @ 8523'

16" Surface Csg set @ 375'
Circulated 300 sx cmt to surface

2 7/8" (266 jts.), 6.5#, J55 set @ 8391'
F-Nipple @ 8350'

TOC @ 5274' (est. 75% effc.)

(12 1/4" Hole)
9 5/8" Csg set @ 5698'
Cmt w/150 sxs to 5274' (Est. 75%)

TOC @ 8092' (TS)

2/89 Baker R-3 Packer set @ 8383'

Perfs @ 8420' - 8498'
8630' - 8650'

(8 5/8" Hole)
7" Csg set @ 8942'
Cmt w/600 sxs to 8092' (TS)

10/54 - BP set @ 8519' (Cmt to 8509')
03/45 - BP set @ 8530'
(Found leaking in 10/54)

TD 9468'