

submitted in lieu of Form 3160-5

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
1840' FSL, 1800' FWL Sec. 3, T-25-N, R-6-W, NMPM

5. Lease Number
SF-078885

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Canyon Largo Unit

8. Well Name & Number
Canyon Largo U 287

9. API Well No.
30-039-

10. Field and Pool
Basin Dakota

11. County and State
Rio Arriba Co, NM

12. 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 Injectio

☐ Other -

13. Describe Proposed or Completed Operations

It is intended to repair the casing failure in this well per the attached procedure and wellbore diagram.

RECEIVED
JUN 16 1994

OIL CON. DIV.
DIST. 3

CC TO: DIST. 3
JUN 14 11:03 AM
OIL CON. DIV.

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

Signed [Signature] (TJM3) Title Regulatory Affairs Date 6/6/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

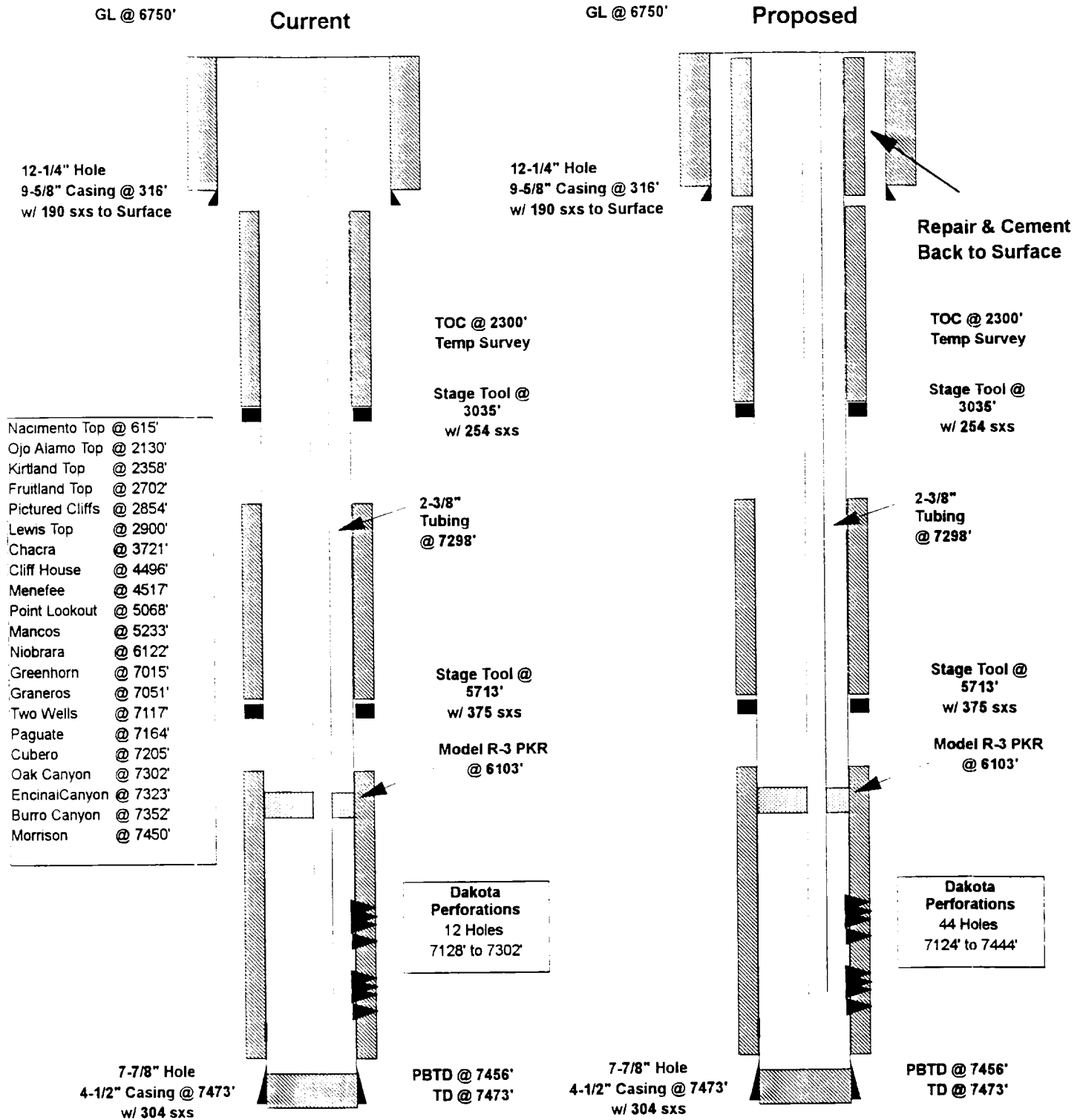
Date
JUN 17 1994

[Signature]
DIST. 3

Canyon Largo Unit # 287

T25NR06W03K

Dakota Workover



Canyon Largo Unit # 287

Basin Dakota Workover
Unit K-Sec03-T25N-R06W

Prior to Moving on Workover Rig, Inspect Location. Verify All Appropriate Equipment is on Hand. Dig work pit for water/cement recovery/flare pit, fence pits. Comply with all BLM, NMOCD, & MOI rules & regulations **Always Hold Safety Meetings.**

- DO NOT USE DRILL GAS! USE TRUCKED NITROGEN.
 - Use 2% KCl in all water. Filter Frac & Acid water to 2 microns.
 - Four (4) 3-1/8" Drill Collars on location.
 - 2-3/8" 4.7# N-80 Tubing (7500', 242 joints) Workstring. Have pup joints for spacing.
 - 900 series BOP, 7" blooie line, manifold, & 1/4", 1/2", & 3/4" chokes as appropriate.
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1. Move in workover rig. Record and report SI pressures on tubing, casing, & bradenhead. Lay blowdown line. Blow down casing & tubing. Pump 10 bbls 2% KCl down tubing. ND WH, NU BOP & stripping head. Test all equipment!
2. PU & release **Model R-3 type PKR @ 6103'**. TOOH, rabbit, & strap 2-3/8" tubing (from 7298', SN up one jt). Flow well out blooie line. Visually inspect tubing, service PKR since it will be rerun. Note any scale in tubing. Stand Back tubing, prep to pick up workstring.
3. PU 4-1/2" **CIBP** & 4-1/2" Packer Combination on 2-3/8" 4.7# N-80 workstring, rabbit & strap inhole. TIH & set CIBP @ **7100'** with tubing. Roll hole with 2% KCl water from bottom, catch sample for analysis of mud?. Set PKR above CIBP & Test BP & tubing to 3500 psi. Hold for 10 minutes. Release PKR, close pipe rams, & Pressure test entire Casing string to 500 psi. Establish rate & note returns out bradenhead. Pull to 5750' & test to 1500 psi, pull to 3500' & test to 1500 psi, pull to 2300' & test DV to 1500 psi. Pull up hole and find location of leak. If surface leak prepare to cut & pull casing (Most likely case). Contact Engineering prior to step # 4.
- 4a. If leak is below 1200' +/- squeeze casing with a hesitation squeeze of 100 sxs Class B w/ 2% CaCl accelerator below a PKR. Hesitate final 5 bbls in 15 minute hesitations to 2000 psi. Max Pressure 2000 psi.
- 4b. If leak is above 1200'. Circulate hole with 9.0 ppg 35 visc mud. Circulate 2 hours, conditioning hole. Run in hole with freepoint. Freepoint casing & cut casing a minimum 80' below failure. Dress stub, & reattache casing with Bowen Casing Patch and DV tool up one joint. Cement casing back to surface.
5. WCC. Drillout & PT casing squeeze to (1500 psi 4a. or 3000 psi 4b). Clean out to CIBP. Roll hole with 5 bbl gel sweep & 2% KCl to remove mud. TOOH.
6. RU wireline. Run GR-CCL-CBL from 7100' to surface. No gaps. Run with 500-1000 psi over entire interval hole. Note and report all cement tops and quality of bond over Mesaverde Interval & Chacra. Run GR-dual spaced neutron log across 6100 to 7100', 4450' to 5250', & 3700' to 3800'.
7. USE NITROGEN. PU 3-7/8" bit, drill collars, & float on 2-3/8". Unload hole above CIBP with N2. Drill CIBP & clean out to PBTD of 7456'. Pull above perfs and continue to blow and flow well with N2 as necessary to remove fluid from prior failure. TOOH w/ bit, collars, & float.

Canyon Largo Unit # 287
Meridian Oil Inc.
05/29/94

8. RU wireline. Run GR-CCL to correlate from PBTD to 7100'. RU full lubricator. Perforate additional Dakota Perforations in "dry" hole as follows with a 3-1/8" HSC gun 4 SPF & 2 SPF 0.38" dia holes Owen-306 charges sequenced in a single gun run, bottom up.

7338' to 7444' (4 SPF 6' 24 holes) Gun May Move Uphole!
7288', 7238', 7168', 7124' (2 SPF 4' 8 holes)

9. PU PKR, profile nipple, and TIH on 2-3/8" tubing. Set PKR @ 7320'. Flow annulus. Pump 80 quality Nitrified 7.5% HCl acid at maximum rate (2 to 3 BPM) 1000 gallons 7.5% HCl w/ 10 gal/1000 acetic acid 2 gal/1000 inhibitor, 1 gal/1000 non-emulsifier, 1 gal/1000 surfactant. Maximum Pressure is 3500 psi. Flow well back immediately on 1/4" choke. Continue to flow well back for 4 hours, recording pressures on the hour SI well. Equalize pressure and TOOH with PKR. Set plug, standing valve, in nipple if necessary, in place of pumping kill fluid. If communication occurs with upper perms, flow both Casing & Tubing, release PKR, and pull above perms.

10. TIH with production string as follows. one joint, expendable check/"F" nipple, remaining tubing. Land tubing @ 7300'+/- . Note: PKR will be rerun if squeeze job was performed and landed at appropriate depth in compression. ND BOP. NU WH. Pump off check and gauge well up tubing to ensure check has been pumped.

11. RD and release rig to next location.

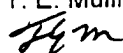
Approved:


Drilling Superintendent

TEM

Recommended Vendors:

Stimulation(Acid,Nitrogen)
Cased Hole Services (Perforating, Logging)
Bridge Plugs & Packers
Engineering

Western Company 327-6288
Basin Perforators 327-5244
Schlumberger 325-5006
T. E. Mullins 326-9546-W
 325-9361-H