

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 Inc.

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

4. Location of Well, Footage, Sec., T, R, M
790'FNL, 1850'FEL Sec.15, T-23-N, R-3-W, NMPM

5. Lease Number
Jic.Contract 413
6. If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name
8. Well Name & Number
Chacon Jicarilla D #14
9. API Well No.
30-039-
10. Field and Pool
W.Lindrith G1 Dk
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

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

The Niobrara and Gallup formations will be added and commingled with the inactive Dakota per the West Lindrith Gallup Dakota Pool Rules. Squeeze cementing of the lower Dakota perforations will be done in the attempt to minimize water production. See attached procedure and wellbore diagram.

RECEIVED

OCT 30 1992

OIL CON. DIV.

DIST. 3

OIL CON. DIV.
FARMINGTON, N.M.
52 OCT 21 AM 10:49

RECEIVED
BLM

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

Signed [Signature] (TM) Title Regulatory Affairs Date 10/21/92

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

Date _____

APPROVED

OCT 28 1992

AREA MANAGER

NMCCO

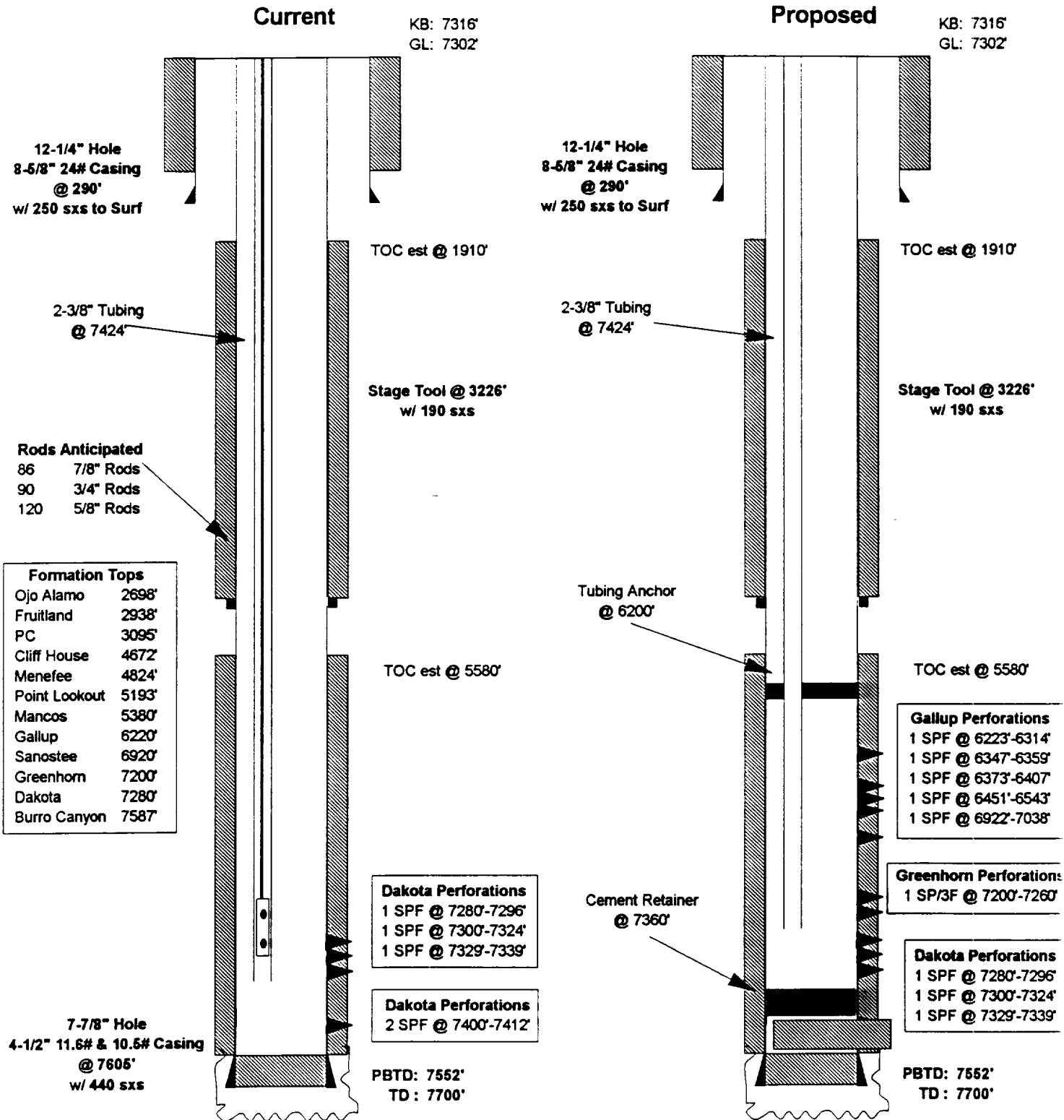
Chacon Jicarilla D #14

T23NR03W15B

Squeeze Lower Dakota

Add Gallup

Commingle Gallup/Dakota



The Lower Dakota Interval will be squeezed under a retainer.
The Greenhorn & Gallup will be 2 stage slickwater fraced.
Pending commingled Gallup/Dakota production rates, rods
& pump may be run to produce this well.
A pumping unit is currently on location, in need of minor repair.

IE~

Chacon Jicarilla D #14
T23NR03WSec15UnitB
Lower Dakota Squeeze/Gallup Pay Add
Procedure

Prior to move on, test rig anchors & repair if necessary. Construct reserve, flare/blow pit.
Comply with all MOI, BLM, NMOCD regulations & safety procedures. **Hold Safety Meetings.**

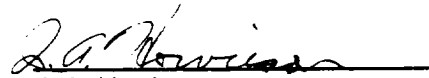
Requirements:

- Baker Model K-1 Cement Retainer (mechanical set Size 1AA, 1.345" bore, 3.593" OD)
 - Baker Model K-1 Setting Tool (1AA, 7/8" Stud Release)
 - Two Baker Wireline Set-Tubing Retrievable Bridge Plugs (43A, 3.771" Gage OD)
 - Model EA Retrievmatic Packer (Left Hand Set, 43A, 3.771" Gage OD)
 - Model B-2 Tubing Anchor Catcher (43A, 1.978" ID)
 - Aluminum pump out plug for Common SN.
 - 3.875" OD Gage Ring
 - 3.771" OD Gage Ring
 - 6(Six)-400 Bbl Frac Tanks for Stimulation Work
 - All water will be Fresh Water filtered (25 micron) with (8 gal BIO-31 added per 400 Bbl Tank)
 - one 55 gal drum concentrated BIO-31(Weskem-Hall)
 - Total 7-1/2% HCl to be used is 3500 gallons.
 - Total Estimated Fresh Water including Frac is 6000 Bbls.
 - Compressor package to circulate hole w/ mist.
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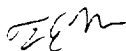
1. MIRU daylight rig. Record Csg, Tbg, & Brdhead pressures. Place fire & safety equipment in appropriate areas. RD pumping unit head & remove pumping tee. NU 900"series BOP. Test operation of BOP. Test 2-3/8" tubing to **1500 psi**. TOOH & LD pump & rods in singles. Pump 2% KCl water as necessary. PU on tubing & TIH to tag PBTD(7552'). TOOH visually inspect, tally, & replace 2-3/8" tubing.
2. Spot Six(6)-400 Bbl frac tanks for stimulation work. Coordinate Bactericide & BIO-31 additives. Inspect tanks to ensure no gelling agents, or fisheyes are apparent. Slick Water Frac.
3. RU wireline. Run (3.875" OD) Gage Ring to **7552'**. Run CBL-CCL-GR from PBTD(7552') to TOC 1st stage. TOC needs to be above **6100'**. Locate TOC of upper cement stage, DV tool (3226'). **Notify Engineering of bond & tops.**
4. TIH w/ 4-1/2" Cement Retainer, seal assembly, on 2-3/8" tubing. Load hole w/ 2% KCl. Set CR @ **7360'**. Upper Dakota should hold column of water. Test tubing to **3500 psi**. Establish rate below CR & pump **10** sxs Class B Cement (150% excess) below CR. Maximum squeeze pressure will be **1500 psi**. Sting out of CR & reverse out. Note location of upper perforations. Do not spot cement on top of retainer. TOOH filling hole w/ water & LD seal assembly.
5. RU wireline. Wireline set RBP#1 @ **7270'**. With Dump Bailer on wireline place **4** gallons sand on RBP#1. Test RBP#1 & Casing to **3000 psi**. Perforate the following interval with 3-1/8" select fire gun 1 SPF 13 gr charges (0.38" hole). Correlate with attached Density Log, new CCL-GR, & old (supplied) GR log. Perforate bottom up. 7200' - 7260' (20 holes), 7038', 7035', 7032', 7011', 7004', 6997', 6992', 6987', 6926', 6922'. Total of 30 holes.
6. TIH on 2-3/8" w/ PKR. Set PKR @ **6850'**. RU Stimulation to breakdown. Breakdown perforations w/ **1500 gal 7-1/2% HCl** (w/ 2 gal/1000 NE-18 non emulsifier, 5 gal/1000 Ferrotrol 300 iron sequestering agent, 3 gal/1000 Claytrol 3 clay stablizer, and 1 gal/1000 CI-15 inhibitor.) Pump acid @ **4-6 BPM** and drop **50** ball sealers during job. Record & report IBDP & ISIP at shutdown. Unseat PKR and TIH to knock balls off perforations. TOOH.

7. RU wireline. Run Junk Basket & recover minimum of 30 balls.
8. RU Stimulation. Stimulate well as per attached schedule: Stage # 1:
Max Treating Pressure is 3000 psi. Stage will be tagged w/ 0.3 mc IR-192 / 1000# sand.
9. RU wireline. Run (3.771" OD) gauge ring to 6800'. PU, Run & Set RBP#2 @ 6800'. (Set min depth @ 6600'). Dump 2 sxs sand on top of RBP#2. Pressure test to 3000 psi.
10. Perforate the Upper Gallup interval from bottom up as follows with 3-1/8" select fire gun and 13 gr charges (0.38" hole). See attached logs. 6543', 6540', 6493', 6490', 6487', 6484', 6472', 6470', 6468', 6466', 6464', 6462', 6460', 6451', 6407', 6404', 6401', 6398', 6392', 6389', 6376', 6373', 6359', 6356', 6353', 6350', 6347', 6314', 6301', 6293', 6287', 6279', 6271', 6265', 6257', 6255', 6253', 6245', 6235', 6223'. Total of 40 holes.
11. TIH w/ 2-3/8" tubing and PKR. Set PKR @ 6150'. RU Stimulation for breakdown. Breakdown perforations with 2000 gal 7-1/2% HCl (w/ 2 gal/1000 NE-18 non emulsifier, 5 gal/1000 Ferrotrol 300 iron sequestering agent, 3 gal/1000 Claytrol 3 clay stablizer, and 1 gal/1000 CI-15 inhibitor.) Pump acid @ 4-6 BPM and drop 60 ball sealers during job. Record IBDP & ISIP at shutdown. Release PKR and TIH to knock balls off perforations. TOOH.
12. RU Stimulation. Stimulate well as per attached schedule Stage # 2:
Max Treating Pressure is 3000 psi.
13. Flow back frac fluids slowly to clean Upper Gallup. TIH with w/ tubing and RBP#2 retrieving head on the end to clean out sand fill to the RBP#2 @ 6800'. Gauge the gas and oil rates when the well permits. TOOH w/ RBP #2.
14. Continue flowing back well. TIH with w/ tubing and RBP#1 retrieving head on the end to clean out sand fill to the RBP#1 @ 7270'. *T.O.O.H.* TIH to 7350'. Verify hole cleaned. Gauge the gas and oil rates as the well permits. Minimize injection of fluid.
15. RU wireline. Run afterfrac gamma ray log from 7350' to 6900'. Identify if Greenhorn took stimulation, or if frac propagated down to existing Dakota perforations.
16. TIH w/ 10' preperforated sub, one jt 2-3/8", common SN (1-25/32" ID), & 2-3/8" J-55 tubing. Install aluminum pump out plug in SN. Tubing anchor catcher @ 6200'. Land Tubing @ 7270' (below Greenhorn perfs). Do not run blast joints. Set 10,000# on anchor. ND BOP. NU lubricator and bonnet for plunger lift application. Manifold wellhead & lubricate all valves. Pump out plug. Flow well up tubing to verify plug removed. RD & release workover rig.
17. Production Operations will evaluate production and decide if the pumping unit is required.
18. Photograph & diagram wellhead configuration, send to Well File. Calibrate meter & return well to sales.

Approved:


J. A. Howieson
Drilling Superintendent

Vendors:



on next page