

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well OIL	5. Lease Number Jic.Cont 412 6. If Indian, All. or Tribe Name Jicarilla Apache 7. Unit Agreement Name
2. Name of Operator Meridian Oil Inc.	8. Well Name & Number Chacon Jic D #8 9. API Well No. 30-039-21257
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	10. Field and Pool W.Lindrith G1-Dk 11. County and State Rio Arriba Co, NM
4. Location of Well, Footage, Sec., T, R, M 330'FNL, 2310'FWL Sec.9, T-23-N, R-3-W, NMPM	

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 type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input 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 checked="" type="checkbox"/> Other - Add Niobrara pay	

13. Describe Proposed or Completed Operations

The Niobrara will be perforated and stimulated in this wellbore. The Niobrara will then be commingled with the existing Dakota per Division Order R-7495. Commingled production will occur within 365 days. Attached is a procedure and wellbore diagram for this work.

RECEIVED

FEB 22 1993

OIL CON. DIV.
DIST. 3

RECEIVED
BLM MAIL ROOM
93 JAN 12 PM 2:04
D15 FARMINGTON, N.M.

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

Signed *Shirley Mondy* (TM) Title Regulatory Affairs Date 1/12/93

(This space for Federal or State Office use)

APPROVED BY SHIRLEY MONDY Title Acting Area Manager

Date FEB 19 1993

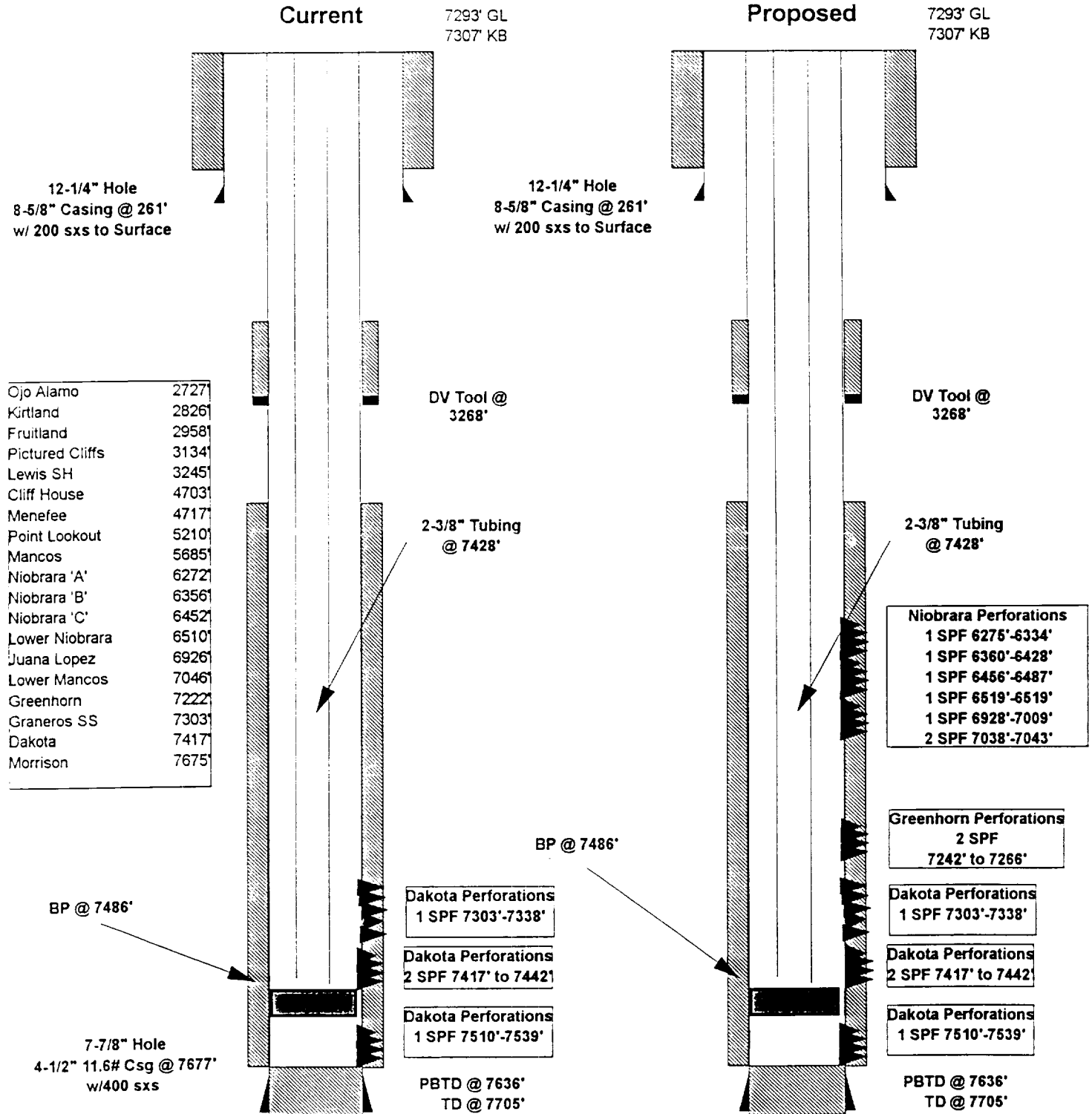
CONDITION OF APPROVAL, if any: SEE ATTACHMENT

NW 100

Chacon Jicarilla D # 8

T23NR03W09L

Niobrara Pay Add & Commingle



Procedure
Chacon Jicarilla D # 8
Unit L, Sec 09, T23N, R03W
Niobrara Pay Add

Prior to Moving on Location. Notify EPNG to mark tie-in pipeline. Test & Install rig anchors if necessary. Complete all necessary dirt work. Oil production will be recovered to a tank. Notify Production Foreman or Lease operator of initial tank strappings. **Hold Safety Meetings.** Comply with all Governmental and Company Safety Regulations.

1. MORU. Pump 25 bbls 2% KCl down tubing. ND WH. NU BOP. TOOH w/ 2-3/8" from 7428'.
2. RU wireline. Run Gage Ring to PBTD(7495'). Set drillable BP @ 7290' (13' above Dakota perms). Fill Hole. Test 4-1/2" N-80 casing to 3000 psi. Test in two increments. Hold pressure 15 minutes. **Contact Engineering before perforating for depth verification with GR-CBL.**
3. Run GR-CCL-CBL from PBTD accross desired intervals. Cover 50' above & below DV tool @ 3268'. Locate TOC on each stage. Also cover 100' below surface pipe to surface.
4. Perforate Greenhorn, Semilla, & Juana Lopez intervals bottom up with 3-1/8" select fire HSC as follows (0.38" hole):

2 SPF	7242' to 7266'	(24')	48 holes	
2 SPF	7038' to 7043'	(6')	12 holes	
1 SPF	6929' to 6931'	(3')	3 holes	
1 SPF	6994', 7001', 7009'		3 holes	Total of 66 holes
5. TIH with SAP tool 4' spacing on 2-3/8". Test tool on good pipe to 3500 psi. Breakdown each perforation with 30 gal 7-1/2% HCl acid with 1 gal/1000 clay stabilizer & 2 gal/1000 corrosion inhibitor @ 2-4 BPM. (Total acid 1980 gallons). Record rate & pressure on each setting. Unload hole of acid & water with Nitrogen. TOOH once hole is unloaded.
6. TIH with 2-3/8" tubing land tubing above Greenhorn. No PKR. Rig up to swab test. Swab well for 2 days. Recover all fluids to a clean 400 bbl flowback tank (do not recover to lease tanks). Record fluid levels, csg & tbg pressure on each run. Obtain good formation oil sample before TOOH.
7. w/ wireline set drillable bridge plug @ 6600' Fill hole. w/ PKR on tubing test casing & BP to 5000 psi.
8. Perforate Niobrara A, B, C with 3-1/8" select fire HSC gun bottom up 1 SPF 0.38" holes as follows:

6519', 6487', 6485', 6479', 6477', 6472', 6465', 6464', 6463', 6456', 6428', 6414', 6409', 6406', 6403', 6401', 6396', 6388', 6385', 6371', 6369', 6365', 6360', 6334', 6325', 6324', 6313', 6312', 6305', 6304', 6303', 6290', 6288', 6281', 6280', 6279', 6278', 6277', 6276', 6275'
(40 holes)
9. TIH w/ SAP tool 4' spacing on 2-3/8". Test tool on clean pipe to 3500 psi. Breakdown each perforation with 30 gal 7-1/2% HCl acid with 1 gal/1000 clay stabilizer & 2 gal/1000 corrosion inhibitor @ 2-4 BPM. (Total acid 1200 gallons.) Record rate & pressure on each setting. Circulate hole with 2% KCl water to remove acid. TOOH.

10. Change pipe rams. TIH w/ 2 jts 2-7/8" tubing & PKR. Set PKR and leave annulus open to pit.
11. Prep to Frac Niobrara A, B, C per attached schedule. Job will be tagged with Ir-192 tracer in sand. Max Pressure **5000** psi. Anticipated surface treating pressure 3000 psi.
12. Shut-in 3 hr to allow gel to break & let fracture heal. Flow well back through choke limiting sand & fluid rates to 20 BFPH. When pressures and rates allow TOOHP w/ PKR. Change pipe rams. TIH w/ 3-7/8" bit & DC's. Drill Bridge Plugs. Note possible pressure beneath BPs. Push to PBTD of 7495'. TOOHP.
13. w/ wireline run after-frac GR log accross newly perforated intervals.
14. TIH w/ production string. Two jts 2-3/8", one 6' perforated sub, one common SN, & remaining 2-3/8" tubing. Land tubing @ 7428'. ND BOP. NU WH. Kick well off and obtain gauge.
15. Notify Production Operations that well is ready for production/swabbing.

Approved:

J. A. Howieson
Drilling Superintendent

Vendors:

Stimulation	Smith Energy	327-7281
Perforating/Logging	Basin Perforators	327-5244
Bridge Plug/SAP	Baker Service Tools	325-0216
Radioactive Tagging	Protechnics	326-7133
Operations	Bruce Voiles	326-9571
Engineering	Tom Mullins	326-9546-W 325-9361-H

BLM CONDITIONS OF APPROVAL

Operator Merdian Oil Inc. Well Name Chacon Jic D #8

Legal Location 330 FNL 2310 FWL Sec. 9 T. 23 N. R. 3 W.

Lease Number Jic. Cont. 412

The following stipulations will apply to this well unless a particular Surface Managing Agency (SMA) or private surface owner has supplied to BLM and the operator a contradictory environmental stipulation. The failure of the operator to comply with these requirements may result in the assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on the location during construction, drilling and reclamation activity.

An agreement between operator and fee land owner will take precedence over BLM surface stipulations unless (In reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimum Federal restoration requirements will be required.

1. Pits will be fenced during workover operation.
2. All disturbances will be kept on existing pad.