State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well OIL	API # (assigned by OCD) 30-039-23464 5. Lease Number Fee 6. State Oil&Gas Lease Fee
2. Name of Operator Meridian Oil Inc.	7. Lease Name/Unit Name W.O. Hughes 8. Well No. 7
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	9. Pool Name or Wildcat W.Lindrith Gl-Dakota
4. Location of Well, Footage, Sec., T, R, M 1650'FNL, 753'FEL Sec.8, T-24-N, R-3-W, NMPM,Rio Arriba County	10. Elevation:

Type of Submission	Type of Action	
_x_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_x_ 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.

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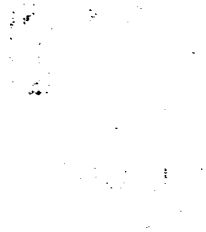
JAN1 3 1993
OIL CON. DIV
DIST. 3

SIGNATURE Peggy Bradfield (TM) Regulatory Affairs January 12, 1993

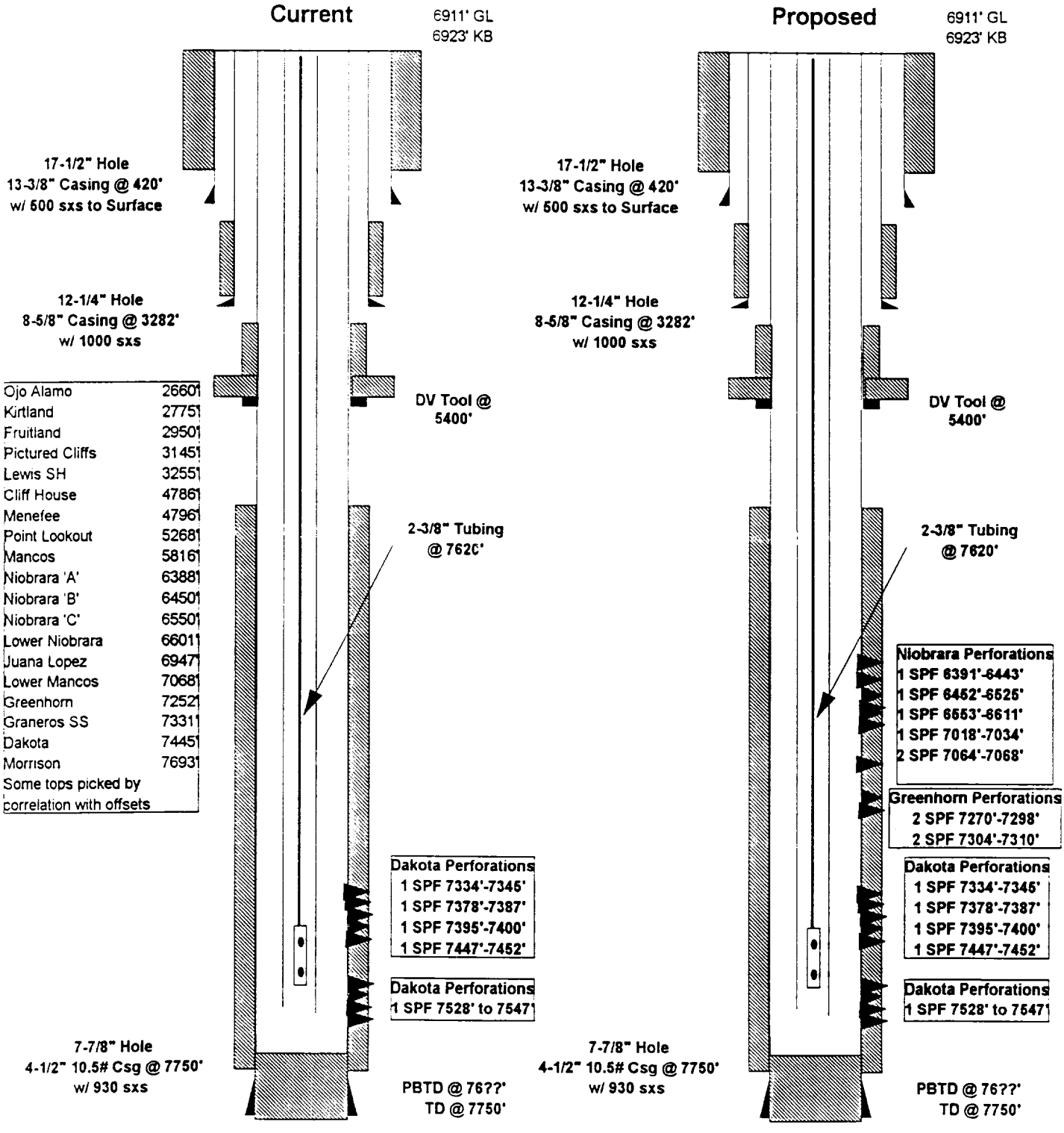
(This space for State Use)
Approved by Original Signed by FRANK T. CHAVEZ Title SUPERVISOR DISTRICT # 3 Date JAN 1 3 1993



W. O. Hughes # 7

T24NR03W08H

Niobrara Pay Add & Commingle



Procedure
W. O. Hughes # 7
Unit H, Sec 08, T24N, 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 Regualtions.

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1. Operations. w/pulling unit. Unseat pump. TOOH & LD rods in singles. Haul rods to McCroden Field Office. Notify Engineering once rods are pulled.

3. MORU. Blow down tubing. ND WH. NU BOP. TOOH w/ 2-3/8" from 7620'.

4. RU wireline. Run Gage Ring to PBTD(7350'). Set drillable BP @ 7320' (above Dakota perfs). Fill Hole. Test 4-1/2" K-55 casing to 3000 psi. Test in two increments. Hold pressure 15 minutes. **Contact Engineering before perforating for depth verification with GR-CBL.**

5. Run GR-CCL-CBL from PBTD accross desired intervals. Cover 50' above & below DV tool @ 3160'. Locate TOC on each stage. Also cover 100' below surface pipe to surface.

6. Perforate Greenhorn, Semilla, & Juana Lopez intervals bottom up with 3-1/8" select fire HSC as follows (0.38" hole):

2 SPF	**7304'** to **7310'**	(6')	12 holes
2 SPF	**7270'** to **7298'**	(28')	56 holes
2 SPF	**7064'** to **7068'**	(4')	8 holes
2 SPF	**7034', 7025', 7018'**		6 holes
		Total:	**82 holes**

7. 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 2460 gallons). Record rate & pressure on each setting. Circulate hole with 2% KCl to remove acid. TOOH.

8. w/ wireline set drillable bridge plug @ 6700' Fill hole. w/ PKR on tubing test casing & BP to **3000** psi. Note DV tool has been squeezed twice.

9. Perforate Niobrara A, B, C with 3-1/8" select fire HSC gun bottom up 1 SPF 0.38" holes as follows:

6611', 6607', 6605', 6598', 6593', 6585', 6579', 6572', 6558', 6557', 6556', 6555', 6554', 6553', 6525', 6501', 6500', 6499', 6498', 6497', 6496', 6495', 6484', 6483', 6482', 6472', 6471', 6470', 6462', 6461', 6460', 6459', 6458', 6457', 6456', 6455', 6454', 6452', 6443', 6440', 6439', 6411', 6410', 6408', 6406', 6404', 6394', 6391' (48 holes)

10. 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 1440 gallons.) Record rate & pressure on each setting. Circulate hole with 2% KCl water to remove acid. TOOH.

11. Remove BOP. Install Frac Head.

12. Prep to Frac Niobrara A, B, C per attached schedule. Job will be tagged with Ir-192 tracer in sand. Max Pressure **3000** psi. Anticipated surface treating pressure 2500 psi.

13. 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. Remove frac head. NU BOP. TIH w/ 3-7/8" bit & DC's. Drill Bridge Plugs. Note possible pressure beneath BPs. Push to PBTD of 76??'. TOOH.

14. w/ wireline run after-frac GR log accross newly perforated intervals.

15. TIH w/ production string. Two jts 2-3/8", one 6' perforated sub, one common SN, & remaining 2-3/8" tubing. Land tubing @ 7620'. ND BOP. NU WH. Kick well off and obtain gauge.

16. Notify Production Operations that well is ready for production/swabbing or rod installation.

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