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**
1810'FNL, 900'FWL, Sec.9, T-29-N, R-10-W, NMPM

5. **Lease Number**
SF-078197

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**
Nye Federal Com #3

9. **API Well No.**
30-045-08560

10. **Field and Pool**
Blanco Mesaverde

11. **County and State**
San Juan Co, NM

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

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 - Pay add		

13. **Describe Proposed or Completed Operations**

It is intended to add pay to the Mesaverde formation of the subject well according to the attached procedure.

RECEIVED
DEC 1 1 1995
OIL CON. DIV.
DIST. 3

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

Signed Peggy Bradfield (KKK2) Title Regulatory Administrator Date 11/30/95

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date **APPROVED**
CONDITION OF APPROVAL, if any:

DEC 04 1995
DISTRICT MANAGER

NMOCD

Pertinent Data Sheet - Nye Federal #3

Location: 1810' FNL & 900' FWL, Unit E, Section 9, T29N, R10W, San Juan County, New Mexico

Field: Blanco Mesaverde **Elevation:** 5855 G.L. **TD:** 6885'
PBTD: 6851'

Completed: 1/22/62 **Spud Date:** 3/5/62 **DP #:** 53207A

Casing Record:

Hole Size	Csg Size	Wt. & Grade	Depth Set	Cement (Top)
	8-5/8"	24.0# J-55	316'	200 sx (Circ 12 barrels)
	5-1/2"	15.5# J-55 ST&C	6885'	370 sx. (3 stages)

Cement:

Surface: Set 316' of 8-5/8" casing at 330'. Cemented with 200 sacks regular cement. Circulated 12 barrels.

1st Stage:
120 sacks Diamix w/ 2% gel and 25# Gilsonite per sack. Displaced cement with 163 barrels water. Top of CMT @ 6125' calc.

2nd Stage:
Mixed 150 sacks 1:1 Diamix with 2% gel and 50# Gilsonite/sack.
Stage collar set @ 4662'. Top of CMT @ 3692' calc.

3rd Stage:
Used 100 sacks 4% Gel cement at 14.8# gal.
Stage collar set @ 2350'. Top of CMT @ 1690' calc.

Tubing Record:

Tbg. Size	Wt. & Grade	Depth Set
1-1/4"	Unknown	4573'

Formation Tops:

Kirtland:	770'	Dakota:	6640'
Pictured Cliff:	2030'	Morrison:	6845'
Lewis Shale:	2055'		
Mesaverde:	3825'		

Logging Record: Welex IES 6858'-327' and Acoustic 6859'-1900'

Stimulation: Perf'd Dakota: 1st Stage: 4 shots/foot - 6766'-6824'. Frac'd w/ 24,000# sand and 29,200 Gal water with 2% CaCl2.
2nd Stage: 4 shots/foot - 6700'-6732'. Sand Fractured w/ 35,000# sand and 37,200 Gal water & 2% CaCl2.

Perf'd Mesaverde: 2 shots/foot - 4180'-4476'. Frac'd w/ 62,000# 20/40 sand and 62,100 gal water.

Pertinent Data Sheet - Nye Federal #3 (Continued)

Workover History:

1/28/76	Changed tubing to 1-1/4" set @ 4573'.
3/10/80	DR Plug on 1-1/4" TBG< set in Model "D" packer @ 6660'.
3/11/80	BJ spot 35 sacks cement Class "B" @ 6660'. Plugging off Dakota Zone.

Nye Federal #3
Recommend Recompletion Procedure
Unit E Section 9 T29N R10W
Lat. 36.742905 Long. 107.895706

1. Test rig anchors and repair if necessary. Install 8-400 bbl frac tanks on location and fill with 1% KCl water for fracture treatment. Filter all water to 25 microns. Heat water as required by weather.

2. MOL and RU. Comply to all NMOCD, BLM and MOI rules and regulations. Hold safety meeting. ND wellhead. NU BOP. Test operation of rams. NU two relief lines.

3. TOOH with 4573' of 1-1/4" tubing. Check wellbore diagram for configuration. Lay down tubing and ship to the yard.

4. TIH on 2-3/8" tubing with 5-1/2" casing scraper and 4-3/4" bit. Clean out to PBTD at 6654' with air. TOOH.

5. Blow to pit until sand production is minimal to absent. When well is clean, take 15, 30, 45 and 60 minute pitot gauges. TOOH.

6. TIH with 5-1/2" full-bore packer on 2-3/8" tubing and set at 4510'. Test plug and casing to 1000 psi for 15 minutes. If pressure test does not hold, isolate casing failure with packer and tubing. Contact Production Engineering and a casing repair procedure will be provided. Release packer and TOOH. Load hole with 1% KCl water.

7. RU wireline and run CNL/CBL/CCL/GR from 5500' to 4476' and attempt to run logs from 4476' to 3800' to cover the Menefee formation.

8. TIH with 5-1/2" full-bore packer on 2-3/8" tubing and set at 4510'. Test plug and casing to 3800 psi for 15 minutes. Release packer and TOOH.

*****Lower Point Lookout*****

9. Perforate with 3-1/8" Conventional HSC with centralizers and charges meeting requirements for average penetration in Berea of 12.0" and average perf diameter of 0.30". Perforate the following Lower Point Lookout intervals with 1 spf. Perforate from the top down using centralizers.

4654' - 4657'	(3)	4726' - 4729'	(3)
4667' - 4673'	(6)	4757' - 4759'	(2)
4717' - 4721'	(4)	4783' - 4792'	(9)
		4873' - 4880'	(7)

Total: 34 holes.

10. TIH with 5-1/2" fullbore packer on 2-3/8" tubing and set at 4510'. RU stimulation company and prepare to breakdown and balloff with acid. Pump 850 gal. of 15% HCl at 12 bbls/min and slow rate down to 6 bbls/min prior to balls hitting. Drop a total of 51 7/8" 1.3 sp. gr. RCN ball sealers spaced evenly throughout the acid job. Record injection rate and all breakdown pressures throughout job.

Maximum pressure is 3800 psi. Acid should contain clay stabilizer, corrosion inhibitor, and iron sequestering agent.

11. Release packer and TIH with tubing and packer to 5000' to knockoff ball sealers. TOOH.

12. TIH with F nipple, blanking plug, a 5-1/2" FH packer, 310' of 2-3/8" tubing, a 5-1/2" FH packer and 4200' of 3-1/2" frac string. Lower packer will be set at 4510' and the upper packer set at 4200' by pumping 1% KCl water down the tubing. Wireline company will retrieve blanking plug.

13. RU stimulation company. Hold safety meeting. Pressure test surface lines to 4800 psi (1000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines). **Maximum treating pressure is 3800 psi.** Fracture Lower Point Lookout according to attached procedure. **Stimulation will be with slickwater and 68,000 lbs. of 20/40 Arizona sand with maximum sand concentration of 2.5 ppg, a rate of 50 bbls/min and 25% pad volume.** Flush to the top perf. Shut-in well immediately after stimulating well to keep in static condition. Release packers by pulling straight up on the tubing and TOOH.

14. Wireline set 5-1/2" RBP at 4638'. TIH with 5-1/2" full-bore packer on 2-3/8" tubing and set at 4510'. Test bridge plug and casing to 3800 psi for 15 minutes. Release packer and TOOH. Run dump bailer and dump 2 sxs sand on top of the RBP.

*****Massive Point Lookout*****

15. Perforate with 3-1/8" Conventional HSC with centralizers and charges meeting requirements for average penetration in Berea of 12.0" and average perf diameter of 0.30". Perf the following Massive Point Lookout intervals with 1 spf. Perforate from the top down using centralizers.

4531' - 4535'	(4)	4575' - 4578'	(3)
4548' - 4551'	(3)	4591' - 4595'	(4)
4555' - 4568'	(13)	4617' - 4622'	(5)

Total: 32 holes.

16. TIH with 5-1/2" fullbore packer on 2-3/8" tubing and set at 4510'. RU stimulation company and prepare to breakdown and balloff with acid. Pump 800 gal. of 15% HCl at 12 bbls/min and slow rate down to 6 bbls/min prior to balls hitting. Drop a total of 48 7/8" 1.3 sp. gr. RCN ball sealers spaced evenly throughout the acid job. Record injection rate and all breakdown pressures throughout job. **Maximum pressure is 3800 psi.** Acid should contain clay stabilizer, corrosion inhibitor, and iron sequestering agent. Release packer and TOOH.

17. RU wireline. RIH with junk basket and retrieve ball sealers. Record number of hits and balls recovered.

18. TIH with F nipple, blanking plug, a 5-1/2" FH packer, 310' of 2-3/8" tubing, a 5-1/2" FH packer and 4200' of 3-1/2" frac string. Lower packer will be set at 4510' and the upper packer set at 4200' by pumping 1% KCl water down the tubing. Wireline company will retrieve blanking plug.

19. RU stimulation company. Hold safety meeting. Pressure test surface lines to 4800 psi (1000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines). **Maximum treating pressure is 3800 psi.** Fracture Massive Point Lookout according to attached procedure. **Stimulation will be with slickwater and 64,000 lbs. of 20/40 Arizona sand with maximum sand concentration of 2.5 ppg, a rate of 50 bbls/min and 25% pad volume.** Flush to the top perf. Shut-in well immediately after stimulating well to keep in static condition. Release packers by pulling straight up on the tubing and TOOH.

20. Flow back well (if needed) until returns diminish. TIH with retrieving head and 2-3/8" tubing and clean out to RBP at 4638' until sand returns and water production are minimal. Obtain pitot gauges. Release bridge plug and TOOH.

21. TIH with notched collar on 2-3/8" tubing and clean out to PBTD at 6654' until sand returns and water production are minimal. Obtain pitot gauges. TOOH.

22. TIH with 4762' of 2-3/8" tubing with standard seating nipple and one joint with expendable check on bottom. Tag fill and do final cleanout if necessary. Land tubing string.

23. ND BOP and NU independent wellhead. Pump off plug. **Take final Pitot gauge and gas, oil and water samples.**

24. Rig down and release rig.

Approve: _____
Team Leader

Approve: _____
Drilling Superintendent

VENDORS:

Wireline:	To be determined at later date	
Fracturing:	To be determined at later date	
Production Engineer:	Office	326-9703
	Home	326-2381

LJB:ljb

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