

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
910'FNL, 1760'FEL, Sec.25, T-32-N, R-6-W, NMPM

5. Lease Number
SF-079011
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 32-5 Unit
8. Well Name & Number
san Juan 32-5 U #13
9. API Well No.
30-039-07994
10. Field and Pool
Blanco MV/Basin 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

<input checked="" type="checkbox"/> Notice of Intent	<input checked="" 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 - Return Mesaverde to production	

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the Dakota and return the Mesaverde to production, per the attached procedure and wellbore diagrams.

RECEIVED
OCT - 6 1994
OIL CON. DIV.
BOL. 3

54 SEP 14 PM 3:26
OFO FARMINGTON, NM

RECEIVED
BOL

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

Signed *Peary Strickland* (ROS7) Title Regulatory Affairs Date 9/14/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

SEP 20 1994
DISTRICT MANAGER

Recommended Procedure to P&A the Dakota

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Comply with all NMOCD, BLM and Meridian safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig.
2. MOL and RU workover rig. Conduct safety meeting for all personnel on location. Blow well down. ND wellhead and NU 7-1/16" 3000 psi (6" 900 series) BOP with flow tee and stripping head. NU blooie line and 2-7/8" relief lines. Test and record operation of BOP rams. Kill well with water only if necessary. Exchange dual christmas tree and dual donut with single christmas tree and single donut at A-1 Machine.
3. TOOH with 176 jts. of 1-1/4" EUE, 2.4#, J-55 tbg (set @ 5834'). Visually inspect tbg and replace any bad joints.
4. TOOH with 256 jts. of 2-1/16", 3.4#, N-80 tbg (set @ 7812'). Visually inspect tbg. PU and RIH with 5-1/2" casing scraper to approximately 7780' (above Baker Model "D" packer @ 7800'). POH.
5. **Plug #1 (Dakota top):** PU 5-1/2" cement retainer and set at 7770'; pressure test tubing to 1000#. Establish rate into Dakota perfs with water. Mix 53 sx Class B Cement and squeeze 33 sx outside casing below retainer, 14 sx inside casing below retainer, and spot 6 sx inside casing above retainer. Pull above cement and spot water to 6680'. POH with setting tool. WOC.
6. **Plug #2 (Gallup top):** Perforate 4 holes at 6680'. PU 5-1/2" cement retainer and set at 6630'. Establish rate in perfs with water. Mix 40 sx Class B cement and squeeze 22 sx outside casing below retainer, 6 sx inside casing below retainer, and spot 12 sx inside casing above retainer. Pull above cement and reverse circulate. POH with 2-1/16" tbg and setting tool. WOC.
7. TIH with 5-1/2" Baker Fullbore packer and set at 5850 (below MV perfs @ 5816'). Pressure test casing below packer to 750 psi. Then set packer at approximately 5500' (above top MV perf) and pressure test casing above packer to 750 psi. If pressure test fails, isolate casing failure and repair by squeeze cementing. TOOH and LD 2-1/16" tbg.
8. TIH with 1-1/4" tbg with "F" nipple one joint off bottom and expendable check valve on bottom. Clean out to PBTD with nitrogen. Pull up hole and land 1-1/4" tbg near bottom MV perforation at 5816'. ND BOP and NU wellhead. Pump off check valve. Record final gauges.
9. Return well to production.

Recommended: 

Approved: _____

WELLNAME: San Juan 32-5 Unit #13 MV- Dk Dual				DP NUMBER: DK 53540B MV 53540A			
WELL TYPE: Basin Dakota Blanco Mesa Verde				ELEVATION: GL: 6393' KB: 6403'			
LOCATION: 910' FNL 1760' FEL Sec. 25, T-32-N, R-6-W Rio Arriba County, New Mexico				INITIAL POTENTIAL: DK AOF 989 MCF/D MV AOF 6,444 MCF/D SICP: DK 7/72 1209 psig MV 10/91 472 psig			
OWNERSHIP: DK MV GWI: 99.8058% 91.3294% NRI: 77.4210% 70.1003%				DRILLING: SPUD DATE: 09-02-60 COMPLETED: 11-14-60 TOTAL DEPTH: 8118' PBTD: 8094'			
CASING RECORD:							
HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC
12-1/4"?	8-5/8"	24.0#	J-55	620'	-	250 sx	surface
7-7/8"	5-1/2"	17.0#	N-80	8104'	Stg Tool @ 6001'	Stg 2 - 175 sx Stg 1 - 230 sx	4917' (75%) 6849' (75%)
(DK) Tubing	2-1/16"	3.4#	N-80	7812'			
(MV) Tubing	1-1/4" EUE	2.4#	J-55	5834'			
(DK)	Ran 1 jt 2-1/16", Baker Model "D" Packer @ 7800', 255 jts 2-1/16" N-80 CS Hydrill tubing set @ 7812'						
(MV)	Ran 176 jts 1-1/4" EUE, J-55 tubing set @ 5834'						
FORMATION TOPS:							
	Ojo Alamo	2362'	Gallup	6630'			
	Kirtland	2540'	Dakota	7893'			
	Fruitland	2913'					
	Pictured Cliffs	3153'					
	Lewis	3335'					
	Chacra	4670'					
	Mesa Verde	5450'					
LOGGING: IE, GR, Minilog, GR-CCL LOG							
PERFORATIONS Dakota: 7897' - 7916', 8062' - 84', 8020' - 42' Mesa Verde: 5520' - 28', 5536' - 45', 5557' - 90', 5608' - 25', 5638' - 90', 5702' - 09', 5742' - 53', 5777' - 5816'							
STIMULATION: Dakota: Fraced w/34,650 gal water and 25,000# sand. Mesa Verde: Fraced w/65,000 gal water and 65,000# sand.							
WORKOVER HISTORY: NONE							
PRODUCTION HISTORY:							
Cumulative as of May 94:	Gas 208.6 Mcfd	Oil 0 Bopd	(DK)	DATE OF LAST PRODUCTION:		Gas 1.32 Mcf/D	Oil 0 bbl/D (DK)
Current:	0 Mcfd	0 Bopd	(DK)	July, 1973			
Cumulative as of May 94:	907.0 Mcfd	0 Bopd	(MV)	Jan., 1992		2.38 Mcf/D	0 bbl/D (MV)
Current:	0 Mcfd	0 Bopd	(MV)				
PIPELINE: NWPL							

San Juan 32-5 Unit #13

CURRENT

Blanco Mesa Verde/Basin Dakota Dual

NE Section 25, T-32-N, R-6-W, Rio Arriba County, NM

Today's Date: 9/2/94
Spud: 9/2/60
Completed: 11/14/60

12-1/4" hole

8-5/8" 24#, J-55 Csg set @ 614'
cmt w/250 sx (Circulated to Surface)

Ojo Alamo @ 2362'
Kirtland @ 2540'
Fruitland @ 2913'
Pictured Cliffs @ 3153'
Lewis @ 3335'

Top of Cmt @ 4917' (calc @ 75% efficiency)

176 jts 1-1/4" EUE, 2.4#, J-55, tbg set @ 5834'

Mesa Verde Perforations: 5520' - 28', 5536' - 45', 5579' - 90', 5608' - 25', 5638' - 90', 5702' - 09', 5742' - 53', 5777' - 5816'

Stg tool @ 6001'
Cmt 2nd stage w/175 sx

Top of Cmt @ 6849' (calc @ 75% efficiency)

256 jts 2-1/16", 3.4#, N-80, tbg set @ 7812'

Baker Model "D" Packer set @ 7800'

Dakota Perforations: 7897' - 7916', 8062' - 84', 8020' - 42'

PBTD 8094'

7-7/8" hole

TD
8118'

5-1/2" 17.0#, N-80 Csg set @ 8104'
Cmt 1st stage w/230 sx

Gallup @ 6630'

Dakota @ 7893'

n Juan 32-5 Unit #13

PROPOSED

o Mesa Verde/Basin Dakota Dual

5, T-32-N, R-6-W, Rio Arriba County, NM

