

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

Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD) 30-039-07590 5. Lease Number Fee 6. State Oil&Gas Lease
2. Name of Operator MERIDIAN OIL	7. Lease Name/Unit Name San Juan 29-7 Unit 8. Well No. 71
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	9. Pool Name or Wildcat Blanco Mesaverde
4. Location of Well, Footage, Sec., T, R, M 1080'FNL, 800'FEL, Sec.24, T-29-N, R-7-W, NMPM, Rio Arriba County	10. Elevation:

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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injectio
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to repair the casing for the subject well according to the attached procedure and wellbore diagram.

RECEIVED
OCT 14 1994

OIL CON. DIV.
DIST. 3

SIGNATURE *Peggy Bradfield* (ROS7) Regulatory Affairs October 13, 1994

(This space for State Use)
Approved by Original Signed by FRANK T. CHAVEZ Title SUPERVISOR DISTRICT #3 Date OCT 14 1994

*Locate TOC w/CBL and call OCD if leak
is more than 50' above TOC*

PERTINENT DATA SHEET

WELLNAME: San Juan 29-7 Unit #71	DP NUMBER: 69670 PROP. NUMBER: 0023421																																								
WELL TYPE: Blanco Mesa Verde	ELEVATION: GL: 6251' KB: 6261'																																								
LOCATION: 1080' FNL 800' FEL NE Sec. 24, T29N, R7W Rio Arriba County, New Mexico	INITIAL POTENTIAL: AOF 4,974 MCF/D SICIP: Sept., 1991 500 PSIG																																								
OWNERSHIP: GWI: 55.3133% NRI: 50.1869%	DRILLING: SPUD DATE: 04-23-59 COMPLETED: 05-07-59 TOTAL DEPTH: 5480' PBTD: 5420' COTD: 5420'																																								
CASING RECORD: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>HOLE SIZE</u></th> <th style="text-align: left;"><u>SIZE</u></th> <th style="text-align: left;"><u>WEIGHT</u></th> <th style="text-align: left;"><u>GRADE</u></th> <th style="text-align: left;"><u>DEPTH</u></th> <th style="text-align: left;"><u>EQUIP.</u></th> <th style="text-align: left;"><u>CEMENT</u></th> <th style="text-align: left;"><u>TOC</u></th> </tr> </thead> <tbody> <tr> <td>13-3/4"</td> <td>10-3/4"</td> <td>32.75#</td> <td>H-40</td> <td>208'</td> <td>-</td> <td>244 cf (200 sx)</td> <td>surface</td> </tr> <tr> <td>9-7/8"</td> <td>7-5/8"</td> <td>26.40#</td> <td>J-55</td> <td>3296'</td> <td>-</td> <td>300 sx</td> <td>1413'(75%)</td> </tr> <tr> <td>6-3/4"</td> <td>5-1/2" Liner</td> <td>14.0#</td> <td>J-55</td> <td>3132'-5420'</td> <td>-</td> <td>200 sx</td> <td>3830'(TS)</td> </tr> <tr> <td>Tubing</td> <td>1-1/4"</td> <td>2.4#</td> <td>J-55</td> <td>5368'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center;">Ran 169 jts 1-1/4", 2.4#, J-55, 10rd, tubing set @ 5368'</p>		<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>	13-3/4"	10-3/4"	32.75#	H-40	208'	-	244 cf (200 sx)	surface	9-7/8"	7-5/8"	26.40#	J-55	3296'	-	300 sx	1413'(75%)	6-3/4"	5-1/2" Liner	14.0#	J-55	3132'-5420'	-	200 sx	3830'(TS)	Tubing	1-1/4"	2.4#	J-55	5368'			
<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>																																		
13-3/4"	10-3/4"	32.75#	H-40	208'	-	244 cf (200 sx)	surface																																		
9-7/8"	7-5/8"	26.40#	J-55	3296'	-	300 sx	1413'(75%)																																		
6-3/4"	5-1/2" Liner	14.0#	J-55	3132'-5420'	-	200 sx	3830'(TS)																																		
Tubing	1-1/4"	2.4#	J-55	5368'																																					
FORMATION TOPS: <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>Ojo Alamo</td><td>2212'</td></tr> <tr><td>Kirtland</td><td>2398'</td></tr> <tr><td>Fruitland</td><td>2875'</td></tr> <tr><td>Pictured Cliffs</td><td>3118'</td></tr> <tr><td>Lewis</td><td>3228'</td></tr> <tr><td>Cliff House</td><td>4915'</td></tr> <tr><td>Menefee</td><td>4958'</td></tr> <tr><td>Point Lookout</td><td>5260'</td></tr> <tr><td>Mancos</td><td>5410'</td></tr> </tbody> </table>		Ojo Alamo	2212'	Kirtland	2398'	Fruitland	2875'	Pictured Cliffs	3118'	Lewis	3228'	Cliff House	4915'	Menefee	4958'	Point Lookout	5260'	Mancos	5410'																						
Ojo Alamo	2212'																																								
Kirtland	2398'																																								
Fruitland	2875'																																								
Pictured Cliffs	3118'																																								
Lewis	3228'																																								
Cliff House	4915'																																								
Menefee	4958'																																								
Point Lookout	5260'																																								
Mancos	5410'																																								
LOGGING: GR, Temp. Survey																																									
PERFORATIONS: 4860' - 70', 4880' - 82', 4889' - 92', 4918' - 20', 4926' - 32', 4938' - 54', 5275' - 84', 5288' - 98', 5302' - 62', 5367' - 72', 5378' - 80', 5392' - 97', 5406' - 08', 5418' - 20', w/2 SPF, Total 268 holes.																																									
STIMULATION: Fraced w/Howco 2-HT-400 & one 700 bbl. blender, 142,000 gal. water, B D. 950#, I.P. 850#, Ave 1000#, M.P. & F.P. 1050#, standing Vac. I.R. 70 B/M, dropped 375 balls, 1 batch of 50, 1 of 25, 6 of 15, and 7 of 30.																																									
WORKOVER HISTORY: None																																									
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> PRODUCTION HISTORY: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>Gas</u></th> <th style="text-align: center;"><u>Oil</u></th> </tr> </thead> <tbody> <tr> <td>Cumulative as of May 94:</td> <td style="text-align: center;">2931.5 MMcf</td> <td style="text-align: center;">7.9 MBbl</td> </tr> <tr> <td>Current Rate:</td> <td style="text-align: center;">165 Mcfd</td> <td style="text-align: center;">0.5 Bopd</td> </tr> </tbody> </table> </td> <td style="width: 50%; vertical-align: top;"> DATE OF LAST PRODUCTION: July, 1994 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><u>Gas</u></th> <th style="text-align: center;"><u>Oil</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">165.3 Mcf/D</td> <td style="text-align: center;">0.52 bbl/D</td> </tr> </tbody> </table> </td> </tr> </table>		PRODUCTION HISTORY: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>Gas</u></th> <th style="text-align: center;"><u>Oil</u></th> </tr> </thead> <tbody> <tr> <td>Cumulative as of May 94:</td> <td style="text-align: center;">2931.5 MMcf</td> <td style="text-align: center;">7.9 MBbl</td> </tr> <tr> <td>Current Rate:</td> <td style="text-align: center;">165 Mcfd</td> <td style="text-align: center;">0.5 Bopd</td> </tr> </tbody> </table>		<u>Gas</u>	<u>Oil</u>	Cumulative as of May 94:	2931.5 MMcf	7.9 MBbl	Current Rate:	165 Mcfd	0.5 Bopd	DATE OF LAST PRODUCTION: July, 1994 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><u>Gas</u></th> <th style="text-align: center;"><u>Oil</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">165.3 Mcf/D</td> <td style="text-align: center;">0.52 bbl/D</td> </tr> </tbody> </table>	<u>Gas</u>	<u>Oil</u>	165.3 Mcf/D	0.52 bbl/D																									
PRODUCTION HISTORY: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>Gas</u></th> <th style="text-align: center;"><u>Oil</u></th> </tr> </thead> <tbody> <tr> <td>Cumulative as of May 94:</td> <td style="text-align: center;">2931.5 MMcf</td> <td style="text-align: center;">7.9 MBbl</td> </tr> <tr> <td>Current Rate:</td> <td style="text-align: center;">165 Mcfd</td> <td style="text-align: center;">0.5 Bopd</td> </tr> </tbody> </table>		<u>Gas</u>	<u>Oil</u>	Cumulative as of May 94:	2931.5 MMcf	7.9 MBbl	Current Rate:	165 Mcfd	0.5 Bopd	DATE OF LAST PRODUCTION: July, 1994 <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><u>Gas</u></th> <th style="text-align: center;"><u>Oil</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">165.3 Mcf/D</td> <td style="text-align: center;">0.52 bbl/D</td> </tr> </tbody> </table>	<u>Gas</u>	<u>Oil</u>	165.3 Mcf/D	0.52 bbl/D																											
	<u>Gas</u>	<u>Oil</u>																																							
Cumulative as of May 94:	2931.5 MMcf	7.9 MBbl																																							
Current Rate:	165 Mcfd	0.5 Bopd																																							
<u>Gas</u>	<u>Oil</u>																																								
165.3 Mcf/D	0.52 bbl/D																																								
PIPELINE: EPNG																																									

**San Juan 29-7 Unit #71
Blanco Mesa Verde
Section 24, T-29-N, R-7-W
Recommended Casing Repair Procedure**

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. Blow well down. 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 1% KCL water only if necessary. Have Christmas tree serviced at A-1 Machine.
3. TOH with 1-1/4" 2.4# J-55 tbg and packer. Visually inspect tbg for corrosion. PU 2-3/8" workstring and TIH with 7-5/8" casing scraper to above 5-1/2" liner top at 3131'. TOH. TIH with 5-1/2" casing scraper on 2-3/8" tbg to PBTD at 5420'. TOH.
4. TIH with 5-1/2" RBP and 5-1/2" retrievable packer on 2-3/8" tbg and set RBP at approx. 4760' (100' above top of MV perf). Spot 10' of sand on top of RBP. Pressure test RBP to 1000 psig. Set retrievable packer at approximately 3160' (Top of liner @ 3131'). Pressure test 5-1/2" liner and 7-5/8" casing. If pressure test fails, isolate casing failure and design squeeze cement job as appropriate. Set 5-1/2" packer 250' or 7-5/8" packer 125' above hole and establish a rate into hole with water. If in 7-5/8" casing, attempt to circulate to surface. Make sure bradenhead valve is open and a line is laid to the pit. If circulation is established out of bradenhead, mix cement with fluid loss additive. Mix and pump cement. Maximum pressure is 1000 psig. Displace cement 2 bbls below packer prior to attempting hesitation squeeze. Hold pressure for 4 hrs. TOH with packer.
5. WOC 12 hrs. Clean out to below squeeze with 4-3/4" or 6-3/4" mill or bit, as appropriate. Pressure test to 750 psig. Re-squeeze as necessary.
6. TIH with 5-1/2" or 7-5/8" casing scraper to below squeeze. TOH. TIH with retrieving tool on 2-3/8" tbg blowing down with gas or air. Retrieve RBP and TOH.
7. TIH with 1-1/4" tbg with an expendable check valve on bottom and a seating nipple one jt off bottom and CO to PBTD at 5420'. Take and record gauges.
8. Land tbg near bottom perforation at 5420'. ND BOP and NU wellhead. Pump off expendable check valve and record final gauges. Return well to production.

Recommended: _____

Approved: _____

San Juan 29-7 Unit #71

CURRENT

Blanco Mesa Verde

1080'FNL, 800' FEL

NE Section 24, T-29-N, R-07-W, Rio Arriba County, NM

Today's Date: 10-4-94

Spud: 4-23-59

Completed : 5-7-59

