

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

1500' FNL, 1450' FEL, Sec. 19, T-27-N, R-4-W, NMPM

5. Lease Number
SF-0806696. If Indian All. or
Tribe Name

7. Unit Agreement Name

San Juan 27-4 Unit

8. Well Name & Number

San Juan 27-4 U #105

9. API Well No.

30-039-21012

10. Field and Pool

Tapacito Pict. Cliffs/
Blanco Mesaverde

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

☒ Notice of Intent☐ Abandonment☐ Change of Plans☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging Back☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection☒ Other - Sidetrack, abandon Pictured Cliffs

13. Describe Proposed or Completed Operations

It is intended to sidetrack the subject Mesaverde well. The well is located in a standard producing area. The Kick-Off Point of the well will be @ 3500'; the TVD will be 6200'; the Open-Hole Section will be 2700' (TVD); and the Maximum Vertical Section of the new wellbore will remain within the San Juan 27-4 Unit. Subsequent sundry notices will be provided with a Deviation Report that includes the mathematical maximum vertical section (calculated) from the existing wellbore.

It is intended to workover the well in the following manner:

TOOH w/ Pictured Cliffs tubing. TOOH w/ Mesaverde tubing. Remove permanent packer. Set 4-1/2" cement retainer 50' above Mesaverde formation @ 5346'. Squeeze Mesaverde perforations with 120 sx Class "B" cement (100% excess). Set 7" cement retainer above Pictured Cliffs formation @ 3500'. Squeeze Pictured Cliffs perforations with 20 sx Class "B" cement (100% excess). Run CBL/CCL/GR to surface. A 7" whipstock will then be set in the well @ 3500'. A window will be cut in the 7" casing and the well will be sidetracked to a new TD of 6200' with a 6-1/4" hole. At that time, 4-1/2" 10.50# K-55 STC casing will be run from TD to surface and cemented with 336 sx 50/50 Class "B" Poz w/ 0.3% dispersant, 1/4 pps cellophane, 3 pps Gilsonite. The Mesaverde will be selectively perforated and fracture stimulated. Tubing will be run into the well and the well will be returned to production.

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

Signed [Signature] (KAS9) Title Regulatory Administrator Date 6/4/96

(This space for Federal or State Office use)

APPROVED BY

Title

Date

CONDITION OF APPROVAL, if any:

SEE ATTACHED FOR
CONDITIONS OF APPROVAL**APPROVED**

JUN 07 1996

DISTRICT MANAGER

NMCCD

San Juan 27-4 Unit #105 **Unit G, Sec 19, T-27-N, R-4-W**

Location: 1500' FNL, 1450' FEL
 Rio Arriba County, NM

Latitude: 36-33-41
Longitude: 107-17-13

Current Field: Tapacito PC / Blanco MV
Spud: 6/26/76
Elev GL: 6833'
TD: 6348'

Logs Run: Comp Dens, Ind-Elec, Temp
Completed: 10/ 7/76
Elev KB:
PBTD: 6331'

CASING RECORD:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Cmt Vol</u>	<u>Cmt Top</u>
13-3/4"	9-5/8"	40#	KS	221'	224 cu ft	Surf
8-3/4"	7"	20# & 23#	KS	4044'	222 cu ft	2600'

LINER RECORD:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Cmt Vol</u>	<u>Cmt Top</u>
6-1/4"	4-1/2"	10.5#	KS	3883' - 6348'	435 cu ft	3883'

TUBING RECORD:

<u>Tubing Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>	<u>Joints</u>	<u>Other</u>	<u>Depth</u>
1-1/4"	2.33#	IJ V-55	3788'	119		
2-3/8"	4.7#	J-55, EUE	6233'	196		
					Bkr Mdl D Pkr	3860'

FORMATION TOPS:

Ojo Alamo	3174'	Pictured Cliffs	3720'	Pt Lookout	5880'
Kirtland	3300'	Cliffhouse	5375'	Gallup	
Fruitland	3516'	Menefee	5520'	Dakota	

Completions:

Pictured Cliffs

3715, 47, 51, 58, 62, 74, 87, 94 (1 spz)
 56,000# 10/20 sand and 55,440 gal water
 1037 1764

Mesaverde

5396, 5460, 94, 5513, 18, 35, 5873, 79, 99, 5905, 12, 50, 59, 67, 6007, 21, 97, 6119, 6205, 39 (1 spz)
 55,000# 20/40 sand and 57,540 gal water
 1084 4221

Cementing Information

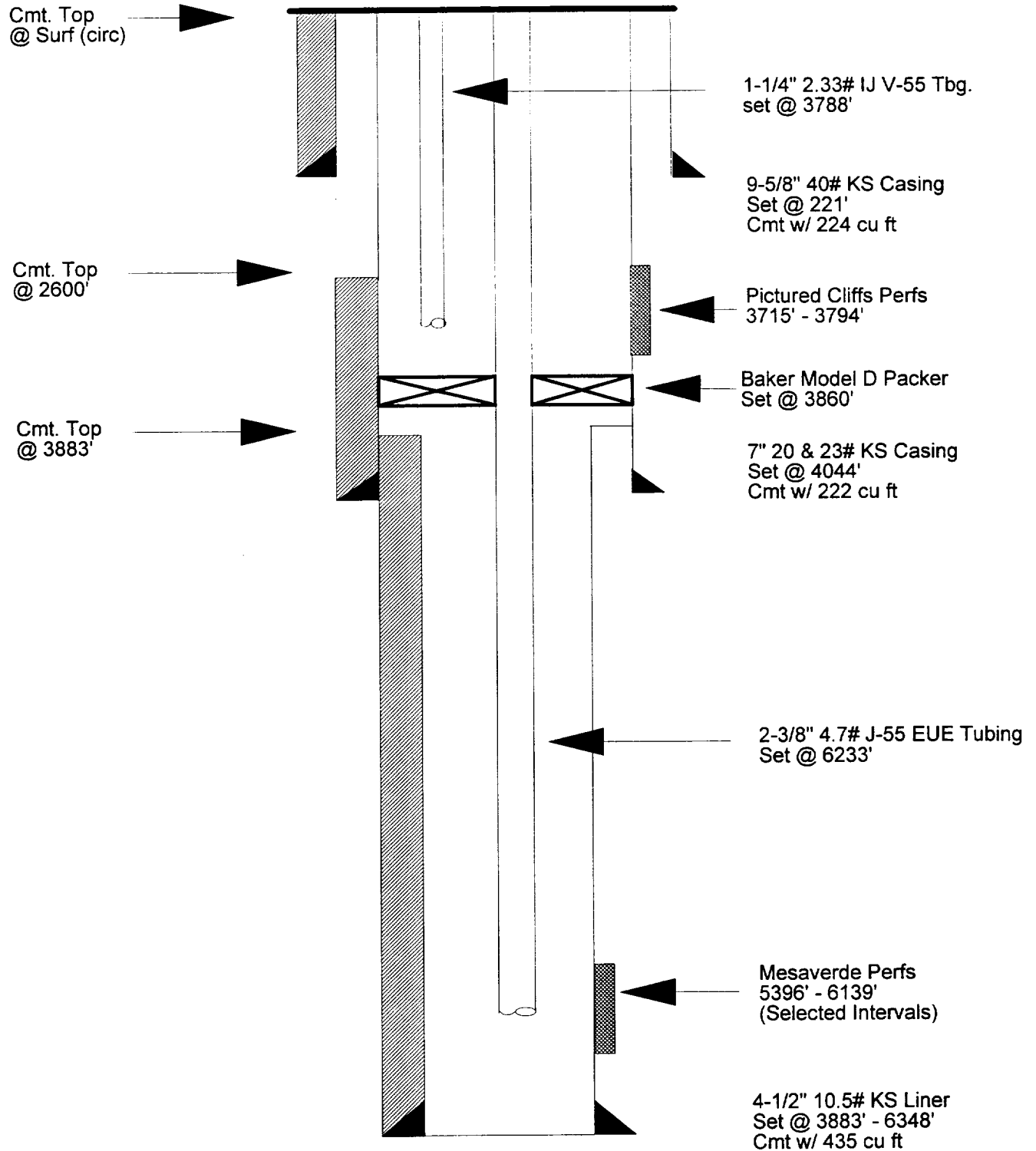
Workover History:

Sundry filed to repair leaking packer.

SAN JUAN 27-4 UNIT #105

Unit G, Section 19, T-27-N, R-4-W
Lat. 36-33-41, Long. 107-17-13

CURRENT WELLBORE SCHEMATIC



TD @ 6348'
PBTD @ 6331'



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

IN REPLY REFER TO:

**Attachment to Notice of
Intention to Workover**

**Re: Sidetrack
Well: 105 San Juan 27-4 Unit**

CONDITIONS OF APPROVAL

1. An additional cement plug is required from 4094' to 3833' inside the casing. (7" csg. set at 4044', TOL at 3883')
2. Recalculate the volume of cement to squeeze the Pictured Cliffs. (115 sxs.)
3. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.