

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
1650' FNL, 1754' FEL, Sec.16, T-27-N, R-4-W, NMPM

5. Lease Number
SF-080674
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 27-4 Unit
8. Well Name & Number
San Juan 27-4 U #71
9. API Well No.
30-039-20724
10. Field and Pool
Basin Dakota
11. County and State
Rio Arriba Co, NM

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

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other - Pay add
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to add pay to the Dakota formation of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
FEB 26 1995

OIL CON. DIV.
DIST. 2

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

Signed [Signature] (LLL9) Title Regulatory Administrator Date 12/27/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED

JAN 12 1996

DISTRICT MANAGER

NMOCD

Pertinent Data Sheet - San Juan 27-4 Unit #71

Location: 1650' FNL, 1754' FEL, Unit G, Sec. 16, T-27-N, R-04-W
Rio Arriba County, NM Lat. 36-34-32, Long. -107-15-8

Current Field: Basin Dakota

Spud: 8/4/73
Completed: 10/11/73

Elevation: 7195' GL
7207' KB

TD/PBTD: 8532'/8524'

Casing Record:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Grade</u>	<u>Depth Set</u>	<u>Cmt Vol./Top</u>
13-3/4"	9-5/8"	32.3# H-40	228'	225 cu. ft./Surface
8-3/4"	7"	20,23# KS	4371'	307 cu. ft./3360'
6-1/4"	4-1/2"	10.5 11.6# KS,N-80	8532'	651 cu. ft./3950'

Tubing Record:

<u>Size</u>	<u>Weight/Grade</u>	<u>Depth Set/Jts.</u>	<u>Other</u>	<u>Depth</u>
1-1/2"	2.9# K-55	8401'		
			Retainer	8446'
			Seating Nipple	8367'

Formation Tops:

Cliffhouse	5768'
Point Lookout	6253'
Gallup	7267'
Dakota	8382'

Logging Record: FDC-GR, IGR, TS

Present Completions: Dakota
Perfs: 8312', 8394', 8422', 8424', 8468', 8500', 8502'
(Select Fire 7 Holes) frac'ed w/ 60,000# sand and water

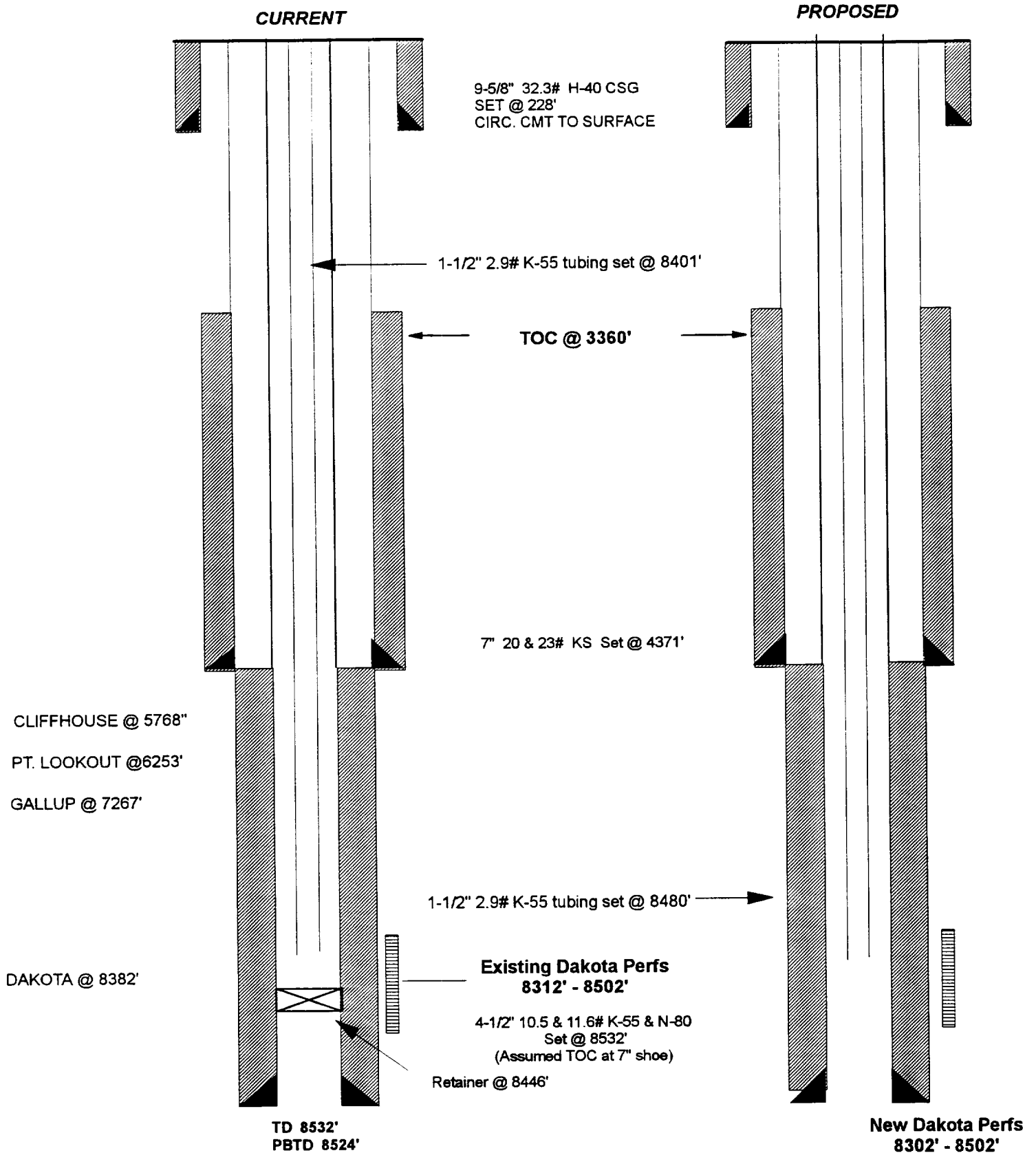
Workover History:

1974 - Set bridge plug @ 8482' due to high water production.
1975 - Set retainer @ 8446' due to high water production.

San Juan 27-4 Unit #71

Unit G, Sec. 16, T27N, R04W
Lat. 36-34-32, Long. 107-15-8

Dakota Restimulation



**San Juan 27-4 Unit #71
Unit G Section 16 T-27-N, R-04-W
Latitude 36° 34' 32", Longitude 107° 15' 08"
Dakota Restimulation**

1. MIRU. Hold safety meeting. Comply with all MOI, BLM, and NMOC rules and regulations. Place fire and safety equipment in strategic locations. Record all wellhead pressures prior to blowing down casing and tubing. ND WH. NU BOP and stripping head. NU blooie line and relief line. Test BOP. Blow down tubing. TOOH and lay down 1-1/2" tubing (250 jts set at 8401'). Kill well with 1% KCl water, if required. Rabbit, tally, and visually inspect tubing. Replace all bad joints. Inspect tubing if warranted. Measure actual KB and use to correlate depths. Install 3 x 400 bbl tanks and fill with 1% KCl. Filter water to 5 microns.
2. PU 3-7/8" mill and 2-3/8" N-80 workstring. TIH to 8446' and mill out EZ Drill retainer. TOOH. PU 4-1/2" K-55 casing scraper on 2-3/8" N-80 workstring and RIH with casing scraper to 8524'. Load hole with 1 % KCl water. TOOH. TIH with 4-1/2" fullbore packer and 2-3/8" workstring. Set packer at 8200' Pressure test 4-1/2" casing to 1000 psi for 15 minutes. (If casing does not pressure test, a casing repair procedure will be provided). Release packer and TOOH.
3. RU wireline. Run CBL-CCL-GR from PBTD (8524') to 8200'. Perforate the following intervals under a full lubricator with a 3-1/8" select fire perforating gun and 12 gram Owen (0.34" Dp, 12.00" penetration) charges at 1 SPF:

8302'	8318'	8417'	8464'	8492'
8304'	8386'	8419'	8466'	8494'
8306'	8392'	8421'	8468'	8496'
8310'	8394'	8460'	8485'	8498'
8316'	8415'	8462'	8490'	

Total: 24 holes

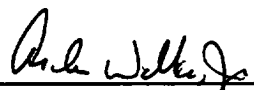
4. RD wireline. PU 4-1/2" straddle packer assembly, seating nipple with ICV valve, and 2-3/8" N-80 workstring. Break down new perforations from 8302-8498' in 10' intervals with 15 % HCl (with 0.3% quaternary amine type clay stabilizer, 2 gal./1000 corrosion inhibitor, and 5 gal./1000 iron sequestering agent). Use 1 bbl per perforated foot (24 bbls total) and breakdown at 1 BPM. Record each breakdown pressure, injection pressure, injection rate, and ISIP. TOOH.
5. PU and TIH with 4-1/2" Mountain States or Baker frac liner, seating nipple, 100' of 2-3/8" N-80 workstring, and 2-7/8" 6.5# N-80 buttress frac string. Space out to set bottom packer at 8438' and top packer at 8285'.
6. RU stimulation company with high pressure lines. Pressure test surface lines to 7000 psi (1000 psi above maximum allowable treating pressure). Fracture stimulate Dakota with a x-link gel system at about 20 BPM. A detailed frac procedure will be provided prior to commencement of field work. **Maximum surface treating pressure is 6000 psi..** RD stimulation company. Begin flowing well on 1/4" choke. Increase choke size as needed to keep well from logging off. When pressure allows, release frac liner packers, and TOOH laying down.

**San Juan 27-4 Unit #71
Unit G Section 16 T-27-N, R-04-W
Latitude 36° 34' 32", Longitude 107° 15' 08"**

7. PU and TIH with 3-7/8" bit on 2-3/8" N-80 workstring. Clean out to 8524' with 12 BPH mist, then pull above the perforations with the tubing. Shut off the air, then allow the well to flow naturally if possible. When gas rate drops due to fill or water influx, trip to bottom with 12 BPH mist, then pull above perforations again for natural flow. Continue this procedure until sand and water production is minimal. Obtain pitot gauge. TOOH. laying down 2-3/8" N-80 workstring.

8. PU and TIH with one joint of 1-1/2" 2.9# tubing, expendable check and seating nipple, then the remaining 1-1/2" tubing. CO to PBTD. Land tubing at 8480' +/- ND BOP, NU WH. pump off expendable check. Obtain final pitot. RDMO. Return well to production.

Drilling Superintendent



Regional Team Leader

Vendors:

Stimulation:TBA
Wireline Services:TBA
Production Engineer:TBA
Scott Lindsay Office (326-9718)
..... Home (632-0528)