

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

1020' FNL, 1810' FEL, Sec.26, T-31-N, R-13-W, NMPM

5. Lease Number

SF-078464

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Senter Federal #1

9. API Well No.

30-045-10390

10. Field and Pool

Basin Dakota

11. County and State

San Juan 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 -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed [Signature] (LWD4) Title Regulatory Affairs Date 6/23/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JUN 30 1995

DISTRICT MANAGER

1. 10/11/19 818
2. 10/11/19 17100

PLUG & ABANDONMENT PROCEDURE

6/15/95

Senter Federal #1
Basin Dakota
DPNO 32324A
Section 26, T31N, R13W
San Juan County, New Mexico

Note: Contact BLM 24 hrs prior to plugging operation (BLM: 326-6201 and NMOCD: 327-5344). 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. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI safety regulations.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP
3. POH and tally 1-1/2" tubing (202 jts); visually inspect. Lay down and replace any bad joints. RIH with 4-1/2" 10.5# casing scraper or gauge ring to 6653'; POH.
4. **Plug #1 (Dakota perforations: 6653'-6475')**: PU 4-1/2" CR and RIH. Set @ 6525'. Pressure test tubing to 1000#. Mix and pump 24 sxs Class B cement. Squeeze 20 sxs below cement retainer from 6653' to 6525'. Sting out of retainer and leave 4 sxs on top of retainer to 6475'. Pressure test casing to 500#. POH with setting tool.
5. **Plug #2 (Gallop top: 5766'-5666')**: Perforate 4 squeeze holes at 5766' through 4-1/2" csg. If casing tested, establish rate with water into squeeze holes. PU 4-1/2" CR and RIH. Set CR @ 5716'. Establish rate with water into perms. Mix and pump 52 sxs Class B cement. Squeeze 40 sxs into 4-1/2" csg and leave 12 sxs in 4-1/2" annulus from 5766' to 5666'. POH with setting tool.
6. **Plug #3 (Mesaverde top: 3680'-3580')**: Mix 12 sxs Class B cement and spot a balanced plug from 3680' to 3580'.
7. **Plug #4 (Pictured Cliffs and Fruitland tops: 2100'-1593')**: Mix 43 sxs Class B cement and spot a balanced plug from 2100' to 1593'.
8. **Plug #5 (Kirtland and Ojo Alamo tops, Surface: 378'-Surface)**: Perforate 4 squeeze holes @ 378'. Establish circulation out bradenhead valve. Mix and pump approximately 109 sxs Class B cement down 4-1/2" casing. Circulate good cement out bradenhead valve. Shut in well and WOC.
9. ND BOP and cut off wellhead below surface casing. Note the cement level in the casing and annulus; fill as necessary. Install P&A marker to comply with regulations.
10. Rig down, cut off anchors, move off location, and restore location.

Recommended:


Summer Engineering Intern

Approval:

Production Superintendent

PET

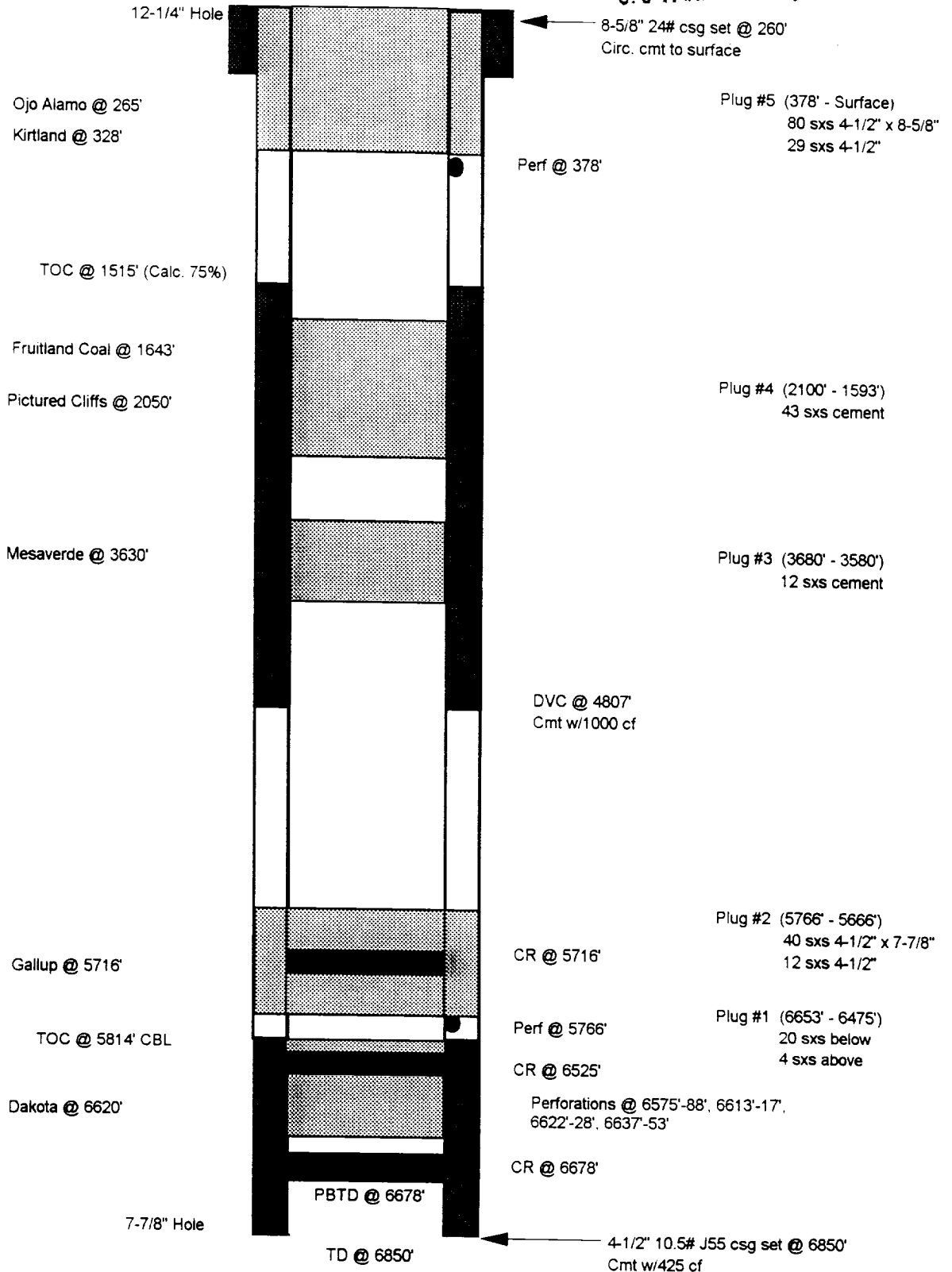
SETER FEDERAL #1

PROPOSED P&A
BASIN DAKOTA
DPNO 32324A

1020' FNL, 1810' FEL, SECTION 26, T31N, R13W

SAN JUAN COUNTY, NEW MEXICO

Today's Date: 6/14/95
Spud: 10/6/63
Completed: 12/8/63



PERTINENT DATA SHEET

6/19/95

WELLNAME: Senter Federal #1				DP NUMBER: 32324A PROPERTY NUMBER: 071220300			
WELL TYPE: Basin Dakota				ELEVATION: GL: 5802' KB: 5812'			
LOCATION: 1020' FNL, 1810' FEL Sec. 26, T31N, R13W San Juan County, New Mexico				INITIAL POTENTIAL: 769 Mcf/d INITIAL SICP: 578 psig CURRENT SICP: psig			
OWNERSHIP: GWI: 100.0000% NRI: 81.5000% SJBT: 0.0000%				DRILLING: SPUD DATE: 10/6/63 COMPLETED: 12/8/63 TOTAL DEPTH: 6850' PBTD: 6678'			
CASING RECORD:							
<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>
12-1/4"	8-5/8"	24#		260'		150 sx	Surf-circ.
7-7/8"	4-1/2"	10.5#	J55	6850'	stage collar @ 4807'	425 cf	5814' (CBL)
Tubing	1-1/2"	2.9#	EUE	6588'	stage collar @ 4807' 202 jts.	1000 cf	1515' (Cal. 75%)
FORMATION TOPS:							
	Nacimiento		Surface		Gallup	5716'	
	Ojo Alamo		265'		Dakota	6620'	
	Kirtland		328'				
	Fruitland Coal		1643'				
	Pictured Cliffs		2050'				
	Mesaverde		3630'				
LOGGING: IEL, CBL, CDL-GR							
PERFORATIONS 6575'-88', 6613'-6617', 6622'-28', 6637'-53'							
STIMULATION: Frac with 50,000# sand and 61,320 gal. water from 6613' to 6653' and frac with 20,000# sand and 20,142 gal. water from 6575' to 6588'.							
WORKOVER HISTORY: None							
PRODUCTION HISTORY:							
Cumulative as of 1995:	<u>Gas</u> 470 MMcf	<u>Oil</u> 0 bo	DATE OF LAST PRODUCTION:		<u>Gas</u> 2.1 Mcf/d	<u>Oil</u> 0 bo	
Current:	0 Mcf	0 bo	December, 1990				
PIPELINE: GCNM							

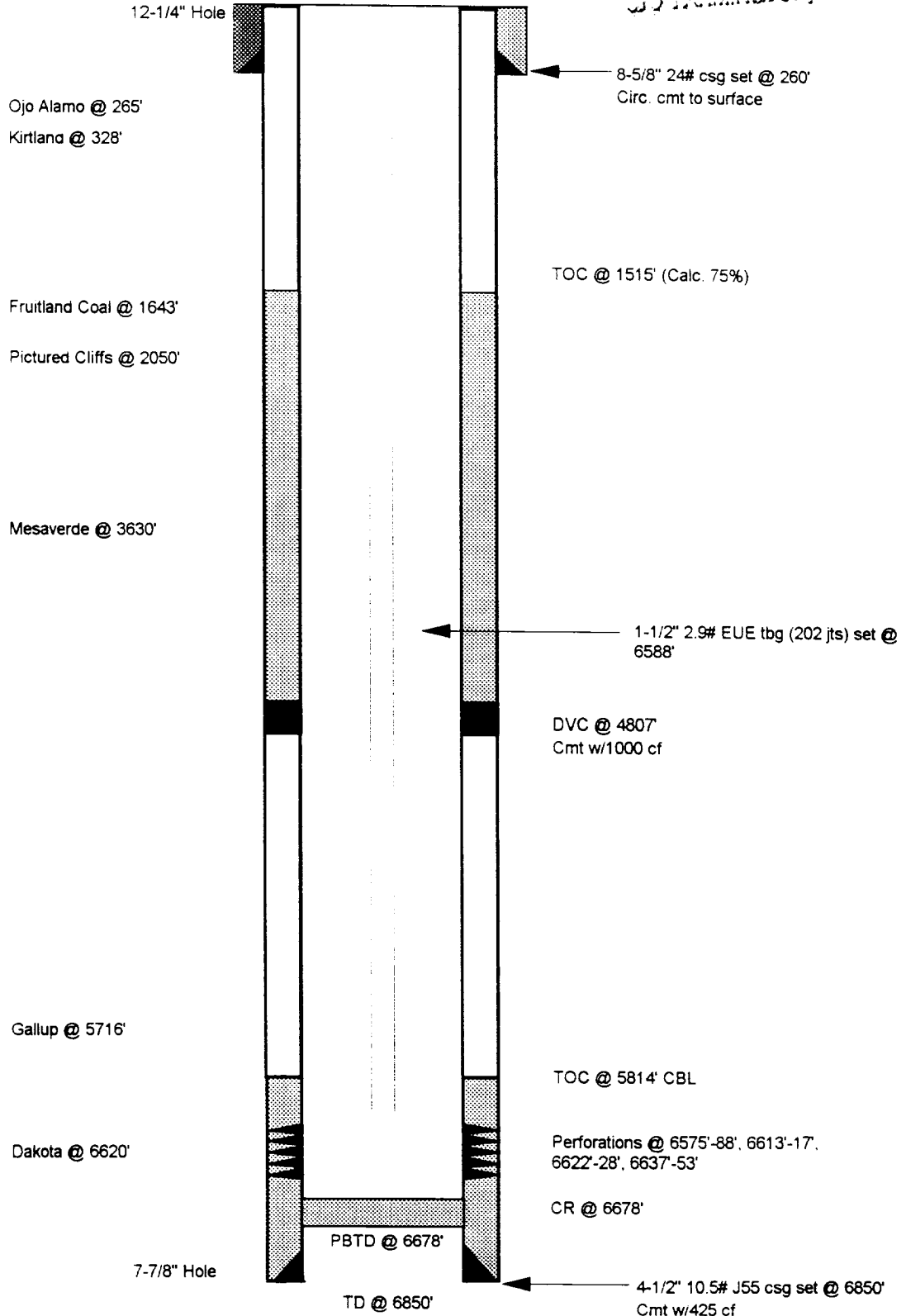
SETER FEDERAL #1

CURRENT
BASIN DAKOTA
DPNO 32324A

1020' FNL, 1810' FEL, SECTION 26, T31N, R13W

SAN JUAN COUNTY, NEW MEXICO

Today's Date: 6/14/95
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UNITED STATES DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE**

1235 La Plata Highway
Farmington, New Mexico 87401

**Attachment to Notice of
Intention to Abandon**

**Re: Permanent Abandonment
Well: 1 Senter Federal**

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. **Mike Flaniken** with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made (when applicable):

