

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

1730' FSL, 1520' FEL, Sec.31, T-29-N, R-9-W, NMPM

5. Lease Number

SF-080781

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Cain #15M

9. API Well No.

30-045-25328

10. Field and Pool

Blanco MV/Basin DK

11. County and State

San Juan 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 - Fish Mesaverde tubing

13. Describe Proposed or Completed Operations

It is intended to fish the Mesaverde tubing in the subject well according to the attached procedure and wellbore diagram. It is now intended also to commingle the Mesaverde and Dakota formations. Application has been made to the New Mexico Oil Conservation Division to commingle.

RECEIVED
JAN 26 1996

OIL CONSERVATION DIV.
BUREAU OF LAND MANAGEMENT

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed Ray Stankhill (ROS3) Title Regulatory Administrator Date 1/19/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

JAN 23 1996

DISTRICT MANAGER

NMOCD

PERTINENT DATA SHEET

WELLNAME: Cain #15M		DP NUMBER: MV 7758 DK 7757 PROP. NUMBER: 0020291 0020291	
WELL TYPE: Blanco Mesaverde/Basin Dakota		ELEVATION: GL: 5783' KB: 5795'	
LOCATION: 1730' FSL 1520' FEL SE Sec. 31, T29N, R9W San Juan County, New Mexico		INITIAL POTENTIAL: AOF 4,707 MCF/D (MV) AOF 2,877 MCF/D (DK) SICP: Sept., 1991 362 PSIG (MV) SICP: March, 1992 372 PSIG (DK)	
OWNERSHIP: MV/DK GWI: 25.000000% NRI: 20.500000% SJBT GWI: 75.000000% SJBT NRI: 61.500000%		DRILLING: SPUD DATE: 03-11-82 COMPLETED: 04-17-82 TOTAL DEPTH: 6725' PBTD: 6680' COTD: 6680'	
CASING RECORD:			
<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE DEPTH</u>
12-1/4"	8-5/8"	24.0#	K-55 242'
7-7/8"	5-1/2"	15.5#	K-55 6724'
Tubing (MV)	1-1/2"	2.76#	J-55 65'
Tubing (DK)	1-1/2"	2.3#	J-55 6635'
(MV) Ran 2 jts 1-1/2", 2.3#, J-55, tbg set at 65' (DK) Ran 1 jt 1-1/2", Seating Nipple @ 6603', 214 jts 1-1/2", 2.3#, EUE, J-55, 10rd, tbg set at 6635', Model "R" Production packer @ 4677'.			
FORMATION TOPS:			
Nacimiento	825'	Chacra	3025'
Ojo Alamo	825'	Mesaverde	3623'
Kirtland	825'	Gallup	5532'
Fruitland	1790'	Greenhorn	6311'
Pictured Cliffs	2062'	Graneros	6375'
		Dakota	6497'
LOGGING: IEL, CDL, CBL, Temp Survey			
PERFORATIONS (DK) 6489', 6543', 6548', 6553', 6558', 6601', 6603', 6605', 6607', 6617', 6643', 6651', 6653', 6688', 6690', 6692', 6695', Total 17 holes. (MV) 3958', 3962', 4035', 4054', 4140', 4146', 4151', 4157', 4162', 4191', 4196', 4303', 4335', 4340', 4345', 4360', 4382', 4388', 4394', 4399', 4404', 4409', 4414', 4419', 4424', 4436', 4443', 4473', 4483', 4518', 4539', 4444', 4474', 4590', Total 34 holes.			
STIMULATION: (DK) Frac w/128,341 gal. of 30# gel wtr. and 57,975# of 20/40 sand. (MV) Frac w/221,812 gal. fresh wtr. and 168,000# 20/40 sand.			
WORKOVER HISTORY: May/June 1995: MIRU, ND WH. NU BOP. TIH, tag fill. TOOH. TIH w/tbg to 3688'. Attempt to circ. Tbg plugged. TIH to 3708'. Circ well w/N2. Blow well & CO. TOOH w/MV tbg. Release pkr, TOOH w/182 jts 1-1/2" tbg & 5-1/2" pkr. TIH w/5-1/2" csg scraper. TIH w/RBP & pkr. Set RBP @ 6472', set pkr @ 6423'. PT RBP to 1100#/10 min. OK. Reset pkr @ 4607'. Load hole w/wtr. PT to 790#/10 min. OK. Reset pkr @ 3924'. Load hole between csg & tbg to surface. PT to 755#/10 min. OK. TIH, release RBP. SD for wknd. TIH w/215 jts 1-1/2", 2.3#, J-55 tbg & Model "R" pkr. landed DK tbg @ 6635'. Set pkr @ 4677'. SDON. TIH w/132 jts 1-1/2", 2.3#, J-55 tbg. Changeover broke off. Tbg dropped to top of pkr @ 4677'. TOOH. TIH w/2 jts 1-1/2", 2.3#, J-55, MV tbg, landed @ 65'. ND BOP. NU WH. RD. Rig released.			
PRODUCTION HISTORY:		DATE OF LAST PRODUCTION:	
Cumulative as of Oct. 95:	Gas 747.6 MMcf Oil 15.4 MBo (DK)	Oct., 1995	Gas 100.4 Mcf/D Oil 1.84 bbl/D (DK)
Current Rate:	100.4 Mcfd 1.84 Bopd (DK)		
PRODUCTION HISTORY:		DATE OF LAST PRODUCTION:	
Cumulative as of Oct. 95:	Gas 345.5 MMcf Oil 12.2 MBo (MV)	May, 1995	Gas 38.2 Mcf/D Oil 4.0 bbl/D (MV)
Current Rate:	0 Mcfd 0 Bopd (MV)		
PIPELINE: Williams Field Services			

12/18/95

**Cain #15M
Blanco Mesaverde/Basin Dakota Dual
SE Section 31, T-29-N, R-9-W
Fishing and Commingle 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. Blow well down. NU 7-1/16" 3000 psi (6" 900 series) BOP with flow tee and stripping head. Test and record operation of BOP rams. Kill well with 1% KCL water only if necessary.
3. TOH with 2 joints of 1-1/2", 2.3#, J-55 Mesaverde tubing (Approximately 65'); visually inspect tubing and replace bad joints as necessary. PU and RIH with freepoint tool in the Dakota tubing. Locate freepoint, and chemically cut Dakota tubing 10' above freepoint (Model R retrievable packer set at 4677'). POH with wireline. TOH with Dakota tubing (1-1/2", 2.3#, J-55). Visually inspect tubing.
4. PU 2-3/8" workstring. TIH with overshot/grapple and fishing assembly, and attempt to catch 1-1/2" IJ tubing. TOH with fish. Fish DK and MV tubing as necessary.
5. After recovering fish, TIH with overshot and release Model "R" production packer (Release Model "R" packer by lifting up on tubing the length of the packer. Then lower the tubing slightly, the J-pin engages the J-slot assuring complete release and preventing accidental resetting) and TOH with packer and remaining 1-1/2" Dakota tubing.
6. Clean out to PBTD at 6680' with gas or air. Blow well clean and obtain gauges, and POOH.
7. TIH with 1-1/2" tubing with seating nipple and pump-out plug one joint off bottom. Land 1-1/2" tubing near bottom perfs at 6680'.
8. ND BOP and NU wellhead. Pump off pump-out plug and record final gauge. Return well to production as a commingled well.

Recommended:



Approved: _____

Cain #15M

CURRENT

Blanco Mesaverde/Basin Dakota Dual

SE Section 31, T-29-N, R-9-W, San Juan County, NM

Today's Date: 12/13/95

Spud: 03/11/82

Completed: 4/17/82

Ojo Alamo @ 825'

Fruitland @ 1790'

Pictured Cliffs @ 2062'

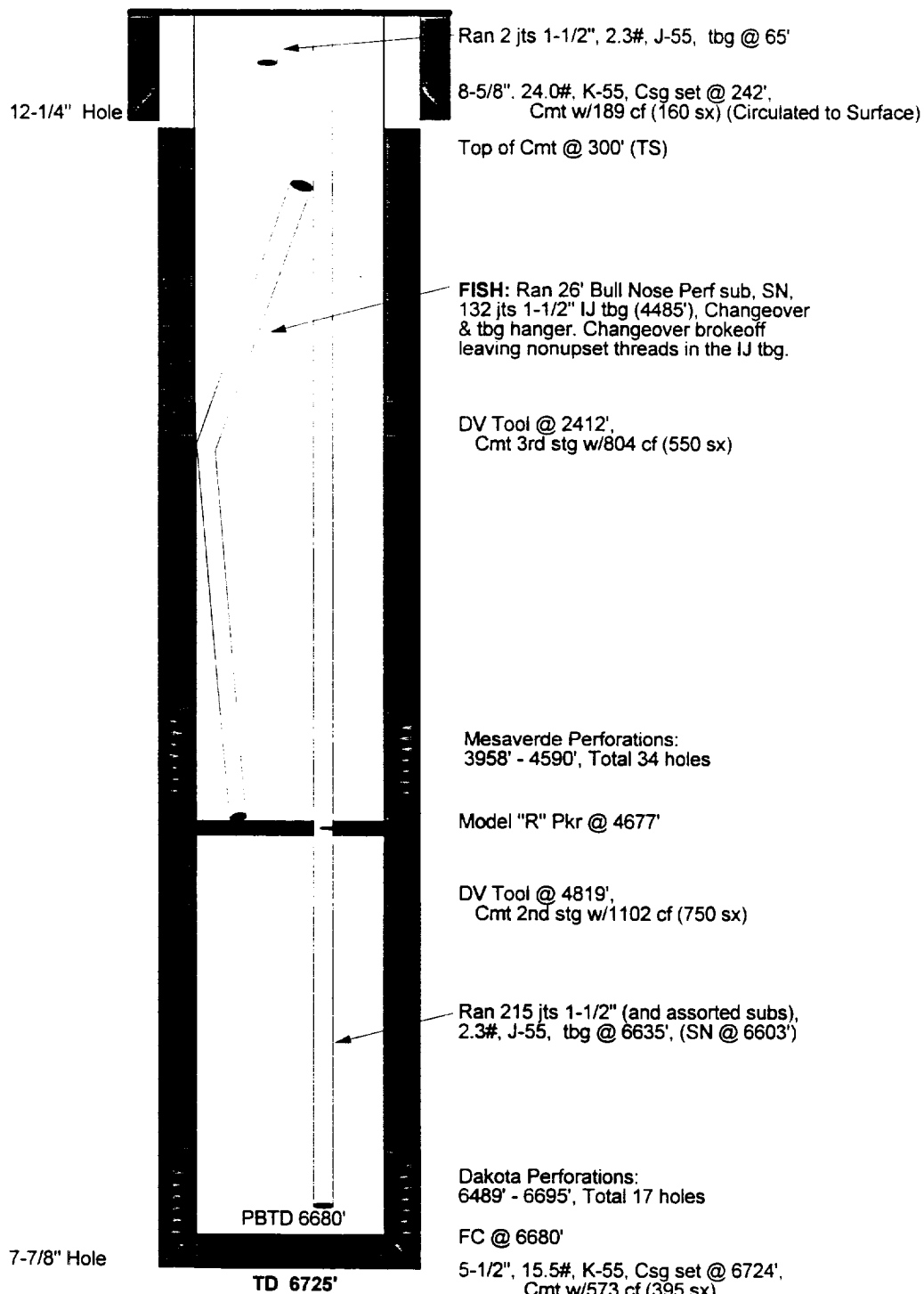
Chacra @ 3025'

Mesaverde @ 3623'

Gallup @ 5532'

Greenhorn @ 6311'
Graneros @ 6375'

Dakota @ 6497'



Cain #15M

Proposed

Blanco Mesaverde/Basin Dakota Dual

SE Section 31, T-29-N, R-9-W, San Juan County, NM

Today's Date: 12/13/95

Spud: 03/11/82

Completed: 4/17/82

12-1/4" Hole

8-5/8", 24.0#. K-55. Csg set @ 242'.
Cmt w/189 cf (160 sx) (Circulated to Surface)

Top of Cmt @ 300' (TS)

Ojo Alamo @ 825'

Ran 215 jts 1-1/2" (and assorted subs),
2.3#, J-55, tbg @ 6635', (SN @ 6603')

Fruitland @ 1790'

Pictured Cliffs @ 2062'

DV Tool @ 2412'.
Cmt 3rd stg w/804 cf (550 sx)

Chacra @ 3025'

Mesaverde @ 3623'

Mesaverde Perforations:
3958' - 4590', Total 34 holes

Gallup @ 5532'

DV Tool @ 4819'.
Cmt 2nd stg w/1102 cf (750 sx)

Greenhorn @ 6311'
Graneros @ 6375'

Dakota @ 6497'

Dakota Perforations:
6489' - 6695', Total 17 holes

FC @ 6680'

5-1/2", 15.5#. K-55. Csg set @ 6724'.
Cmt w/573 cf (395 sx)

7-7/8" Hole

PBTD 6680'

TD 6725'