

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
1650' FSL, 990' FWL Sec.3, T-27-N, R-12-W, NMPM

5. Lease Number
SF-078935

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Thompson C #7

9. API Well No.

10. Field and Pool
W.Kutz PC/
Basin Ft Coal

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 Injectio

13. Describe Proposed or Completed Operations

It is intended to add and complete by perforating and fracture stimulation the Fruitland Coal formation to this wellbore. Production from the Pictured Cliffs and Fruitland Coal will be commingled. Application is being made to the NMOCD for commingling.

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

Signed [Signature] (SD) Title Regulatory Affairs APPROVED 3

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

JAN 06 1994

DISTRICT MANAGER

Hold C-104 For CH (2)

NMOCD

Schedule to Acquire
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
BLM
Form C-182
Revised 1-1-88

54 JAN -5 AM 10:30

070 200 1111 1111

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer 00, Arama, NM 88210

DISTRICT III
1000 Rio Bonito Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Thompson C			Well No. 7		
Unit Lease L	Section 3	Township 27 North	Range 12 West	County San Juan				
Actual Footage Location of Well: 1650 feet from the South line and 990 feet from the West line								
Ground level Elev. 5852'			Producing Formations Fruitland Coal/Pic.Cliffs			Foot Basin/W.Kutz		
Dedicated Acreage 320.22/160 Acres								

1. Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, forced-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of communitization: communitization agreement will be obtained

If answer is "no" list the owners and what descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowance will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a acre-unitized unit, eliminating such interest, has been approved by the Division.

*Not resurveyed, prepared from a plat dated 2-13-52 by Charles J. Finklea.

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DIST. 3

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Peggy Bradfield

Printed Name:
Regulatory Representative

Position:
Meridian Oil Inc.

Company
12-30-93

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

1-3-94

Date Surveyed: C. EDWARDS
Name: C. EDWARDS
Signature: C. EDWARDS
Professional Surveyor

9857

6857

Pertinent Data Sheet - Thompson C #7

Location: 1650' FSL, 990' FWL, Section 03, T27N, R12W, San Juan County, New Mexico

Field: Kutz Pictured Cliffs

Elevation: 5852' DF

TD: 1569'

PBTD: 1569'

Completed: 03-19-52

Spud Date: 02-24-52

DP #: 50861A

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
	8 5/8"	32.0# H-40	113'	100 sxs	Surface/Circ
	5 1/2"	14.0# J-55	1479'	75 sxs	

Tubing Record:

<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
1"		1506'

Formation Tops:

Pictured Cliffs: 1475'

Logging Record:

Stimulation:

Open Hole: 1490' - 1569' w/195 quarts SNG.

Workover History:

Production History:

Transporter: EPNG

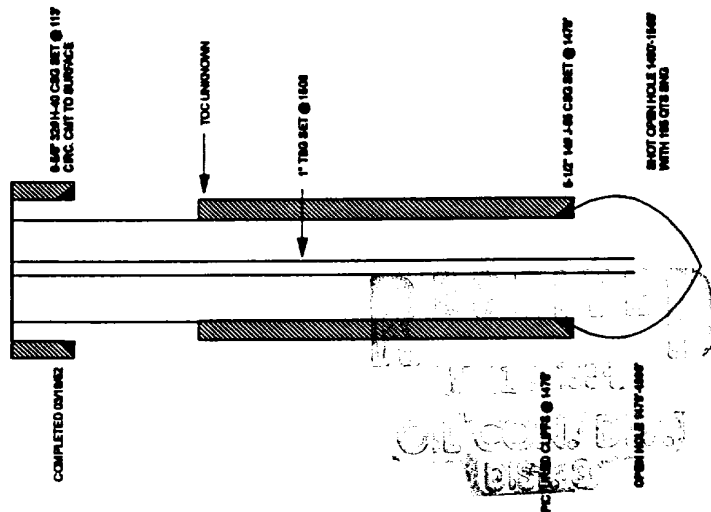
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DIST. 3

THOMPSON C #7

CURRENT

WEST NUTCRACK CLIFFS

UNIT 1, SEC 3, T29N, R29E, S&W J&M COUNTY, NM

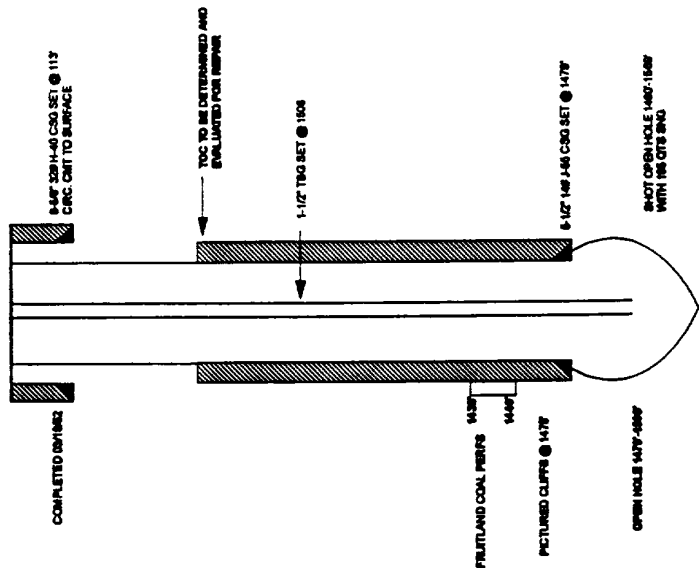


THOMPSON C #7

PROPOSED

WEST NUTCRACK CLIFFS

UNIT 1, SEC 3, T29N, R29E, S&W J&M COUNTY, NM



THOMPSON C #7
Recommend Completion Procedure
Unit L Section 3 T27N R12W

1. Test rig anchors and repair if necessary. Install 2-400 bbl frac tanks on location and fill with 2% KCl water. Filter all water to 25 microns.
2. MOL and RU. Comply to all NMOC, BLM and MOI rules & regulations. Hold safety meeting. ND wellhead. NU BOP. Test operation of rams. NU two relief lines.
3. TOOH w/ 1506' of 1" tbg, tally and inspect.
4. TIH w/ 4-3/4" bit and 5-1/2" casing scraper on 2-3/8" tbg and clean out to 5-1/2" casing shoe @ 1479 TOOH.
5. TIH w/ 4-3/4" bit on 2-3/8" work-string and clean out to open hole TD @ 1569. Load hole w/ 15 bbls 2% KCl water. TOOH.
6. RU & RIH w/ CNL-CCL-GR and log from casing shoe @ 1479' to 1100'
7. RIH and wireline set 5-1/2" CIBP @ 1472'. Correlate w/ CNL-CCL-GR logs to ensure CIBP is set below FTC. Load hole w/ water. TOOH.
8. TIH w/ fullbore packer and 2-3/8" tubing, load hole w/ 2% KCl water, set packer @1480', test CIBP to 3000 psi for 15 minutes. Test tubing/casing annulus to 500 psi for 15 minutes. Equalize pressure and unseat packer. TOOH.
9. RU wireline and run CBL from PBTD (1472') to 150'. If CBL appears inadequate, re-run log with 750 psi surface pressure. If bond still appears unacceptable, contact production engineering. Send copy of CBL to production engineering.
10. Insure both 400 bbl tanks on location are filled with 2% KCl water in preparation for Fruitland coal fracs. Filter all water to 25 microns.

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THOMPSON C #7
Recommend Completion Procedure
Unit L Section 3 T27N R12W
Page 2

*****FRUITLAND COAL*****

11. RU wireline and perf the following coal interval w/ 3-3/8" HSC w/ 16.0 gram charges @ 4 SPF (correlate depths to CNL-CCL-GR log).

1430-1440'

Total: 10 feet: 40 holes

12. TIH w/ 3-1/2" 9.3# N-80 FJ frac string and set fullbore pkr @ 1350'. Load backside w/ 2% KCl water.
13. RU treatment company for frac. Hold safety meeting with all personnel. Pressure test surface lines to 5000 psi. Fracture treat lower coal according to attached schedule w/ 70Q foam at 20 BPM with 105,000 lbs of 20/40 mesh Arizona sand. Tag all sand w/ 0.4 mCl/1000# Ir-192 tracer. Flush with 10 bbls 2% KCl water. Estimated treating pressure is 1700 psi. **MAXIMUM PRESSURE IS LIMITED TO 4000 PSI!** Monitor backside and braden head pressures during frac. Monitor bottomhole and surface treating pressure, rate, foam quality and sand concentration with computer van. Frac during daylight only.
14. SI well for 3 hours for gel break.
15. After gel break, open well through choke manifold & monitor flow. Flow @ 20 bbls/hr, or less if sand is observed.
16. When well ceases to flow, TOOH w/ pkr and frac string.
17. TIH w/ 2 3/8" tbg open ended and clean out lower coal until sand stops. After clean up, flow test the Coal for 24 hrs, taking pitot gauges every 6 hrs. **Take final Pitot gauge and gas & water samples.** TOOH
18. TIH w/ 2-3/8" tbg and 4 3/4" bit, clean out to PBSD. Blow well clean. Drill out CIPB set @ 1472', clean out to open hole TD. TOOH laying down 2-3/8" tbg.
19. RU wireline and run After - Frac - GR log from 1550' to 1100'.
20. TIH w/ 1506" of 1-1/2" tbg w/ standard seating nipple one jt off bottom and pump-off plug on bottom. Land tbg string.
21. ND BOP and NU independent wellhead. Pump off plug. **Take final Pitot gauge.** Rig down & release rig.

Approve:

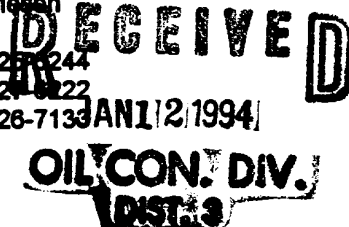

J. A. Howie

VENDORS:

Wireline:
Fracturing:
RA Tagging:

Basin
Western
Protechnics

328-2244
328-6222
328-7133



SBD