

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
875' FNL, 1090' FWL, Sec.35, T-26-N, R-5-W, NMPM

5. Lease Number
Jic Contract 153
6. If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name

8. Well Name & Number
Jicarilla 153 #12
9. API Well No.
30-039-20113
10. Field and Pool
So Blanco Pict Cliffs/
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

Type of Action

| | | |
|--|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input checked="" type="checkbox"/> Other - Packer repair | |

13. Describe Proposed or Completed Operations

It is intended to repair the packer in the subject well according to the attached procedure and wellbore diagram.

RECEIVED
JUN - 2 1995
OIL CON. DIV.
DIST. 2

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

Signed [Signature] (ROS9) Title Regulatory Affairs Date 5/8/95

(This space for Federal or State Office use)
APPROVED BY [Signature] Title Sol. Chief, Lands and Mineral Resources

CONDITION OF APPROVAL, if any: [Signature] Date JUN 2 1995

PERTINENT DATA SHEET

| WELLNAME: Jicarilla 153 #12 | <table style="width: 100%;"> <tr> <td style="width: 50%;">DP NUMBER:</td> <td style="width: 25%; text-align: center;">PC 35953</td> <td style="width: 25%; text-align: center;">DK 35954</td> </tr> <tr> <td>PROP. NUMBER:</td> <td style="text-align: center;">0020362</td> <td style="text-align: center;">0020362</td> </tr> </table> | DP NUMBER: | PC 35953 | DK 35954 | PROP. NUMBER: | 0020362 | 0020362 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|--|-----------------------|---------------------------|-------------|------------------------|---------------------------|---------------|---|--------------------------|-------------------|---|-----------|-------------------|---|-----------|---------------------|-----------------|------------|--------------|------------|------------|--------------|---|---------|------------|------------|--------|---------------------------|------------|-------|--------|---------------|-------------|--------|-------|--|-------|------------|------------|--|-------------|------------|---------|------|-------|--|--|--|
| DP NUMBER: | PC 35953 | DK 35954 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROP. NUMBER: | 0020362 | 0020362 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL TYPE: Pictured Cliffs/Dakota | ELEVATION: <table style="width: 100%;"> <tr> <td style="width: 30%;">GL:</td> <td style="width: 35%; text-align: center;">6653'</td> <td style="width: 35%;"></td> </tr> <tr> <td>KB:</td> <td style="text-align: center;">6665'</td> <td></td> </tr> </table> | GL: | 6653' | | KB: | 6665' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| KB: | 6665' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION: 875' FNL 1090' FWL NW Sec. 35, T26N, R5W Rio Arriba County, New Mexico | INITIAL POTENTIAL: <table style="width: 100%;"> <tr> <td style="width: 30%;">AOF</td> <td style="width: 35%; text-align: center;">2.958</td> <td style="width: 35%; text-align: center;">MCF/D (PC)</td> </tr> <tr> <td>AOF</td> <td style="text-align: center;">4.351</td> <td style="text-align: center;">MCF/D (DK)</td> </tr> <tr> <td>SICP: March, 1992</td> <td style="text-align: center;">426</td> <td style="text-align: center;">PSIG (PC)</td> </tr> <tr> <td>SICP: March, 1992</td> <td style="text-align: center;">576</td> <td style="text-align: center;">PSIG (DK)</td> </tr> </table> | AOF | 2.958 | MCF/D (PC) | AOF | 4.351 | MCF/D (DK) | SICP: March, 1992 | 426 | PSIG (PC) | SICP: March, 1992 | 576 | PSIG (DK) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| CASING RECORD: <table style="width: 100%; border-top: 1px solid black; border-bottom: 1px solid black;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td>13-3/4"</td> <td>10-3/4"</td> <td>32.75#</td> <td>H-40</td> <td>322'</td> <td style="text-align: center;">-</td> <td>225 sx</td> <td style="text-align: center;">surface</td> </tr> <tr> <td>9-7/8"</td> <td>7-5/8"</td> <td>26.40#</td> <td>J-55</td> <td>3302'</td> <td style="text-align: center;">-</td> <td>1250 cf</td> <td style="text-align: center;">surface</td> </tr> <tr> <td>6-3/4"</td> <td>4-1/2"</td> <td>10.50#</td> <td>J-55</td> <td>7526'</td> <td style="text-align: center;">-</td> <td>950 cf</td> <td style="text-align: center;">Liner Top</td> </tr> <tr> <td>Tubing (PC)</td> <td>1-1/2"</td> <td>2.76#</td> <td>J-55</td> <td>3060'</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tubing (DK)</td> <td>1-1/2"</td> <td>2.90#</td> <td>J-55</td> <td>7372'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="margin-left: 40px;">(PC) 1 Sub, F-Nipple @ 3051', 94 jts, 1-1/2", 2.76#, J-55, IJ, tbg set at 3060'</p> <p style="margin-left: 40px;">(DK) Several jts 1" line pipe, Baker Model "D" Seal assembly, F-Nipple @ 7165', 217 jts 1-1/2", 2.90#, J-55, EUE, tbg set at 7372'</p> <p style="margin-left: 40px;">Blast jts @ 3052' - 3110'.</p> | | | HOLE SIZE | SIZE | WEIGHT | GRADE | DEPTH | EQUIP. | CEMENT | TOC | 13-3/4" | 10-3/4" | 32.75# | H-40 | 322' | - | 225 sx | surface | 9-7/8" | 7-5/8" | 26.40# | J-55 | 3302' | - | 1250 cf | surface | 6-3/4" | 4-1/2" | 10.50# | J-55 | 7526' | - | 950 cf | Liner Top | Tubing (PC) | 1-1/2" | 2.76# | J-55 | 3060' | | | | Tubing (DK) | 1-1/2" | 2.90# | J-55 | 7372' | | | |
| HOLE SIZE | SIZE | WEIGHT | GRADE | DEPTH | EQUIP. | CEMENT | TOC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-3/4" | 10-3/4" | 32.75# | H-40 | 322' | - | 225 sx | surface | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9-7/8" | 7-5/8" | 26.40# | J-55 | 3302' | - | 1250 cf | surface | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6-3/4" | 4-1/2" | 10.50# | J-55 | 7526' | - | 950 cf | Liner Top | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| FORMATION TOPS: <table style="width: 100%; border-top: 1px solid black; border-bottom: 1px solid black;"> <tr> <td style="width: 40%;">Nacimiento</td> <td style="width: 20%; text-align: center;">1580'</td> <td style="width: 20%;">Cliff House</td> <td style="width: 20%; text-align: center;">4693'</td> </tr> <tr> <td>Ojo Alamo</td> <td style="text-align: center;">2615'</td> <td>Point Lookout</td> <td style="text-align: center;">5240'</td> </tr> <tr> <td>Kirtland</td> <td style="text-align: center;">2702'</td> <td>Gallup</td> <td style="text-align: center;">6393'</td> </tr> <tr> <td>Fruitland</td> <td style="text-align: center;">2930'</td> <td>Greenhorn</td> <td style="text-align: center;">7220'</td> </tr> <tr> <td>Pictured Cliffs</td> <td style="text-align: center;">3050'</td> <td>Dakota</td> <td style="text-align: center;">7245'</td> </tr> </table> | | | Nacimiento | 1580' | Cliff House | 4693' | Ojo Alamo | 2615' | Point Lookout | 5240' | Kirtland | 2702' | Gallup | 6393' | Fruitland | 2930' | Greenhorn | 7220' | Pictured Cliffs | 3050' | Dakota | 7245' | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nacimiento | 1580' | Cliff House | 4693' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ojo Alamo | 2615' | Point Lookout | 5240' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kirtland | 2702' | Gallup | 6393' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fruitland | 2930' | Greenhorn | 7220' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pictured Cliffs | 3050' | Dakota | 7245' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOGGING: FDC-GR,IES, Acoustic CBL, Temp. Log | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERFORATIONS (DK) 7244' - 62', 7372' - 86', 7404' - 26', 7464' - 70', w/1 SPF, Total 60 holes. (PC) 3052' - 56', 3064' - 68', 3082' - 86', 3106' - 18', w/1 SPF, Total 24 holes. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STIMULATION: (DK) (7372' - 7470'); Water frac w/80,000# sand, 1000# glass beads and 50,400 gal. wtr. (DK) (7244' - 7262'); Sand-water frac w/40,000# sand, 1000# glass beads and 30,576 gal. wtr. (PC) Sand-water frac w/60,000# sand and 31,626 gal. wtr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WORKOVER HISTORY: June 1985: WO to repair tbg/pkr. RU WL service and set plug in F-Nipple @ 7177'. Pulled 1-1/2", IJ, PC tbg and stand back. Pulled DK tbg, had hole @ 6100'. Installed tbg subs one jt below surface. Landed DK tbg in tbg hanger w/15,000# weight on seal assembly. Landed 1-1/2", 2.75#, J-55, (PC) tbg @ 3060', w/F-Nipple @ 3051'. NO BOP. NU WH. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| PIPELINE: GCNM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Jicarilla 153 #12
S. Blanco Pictured Cliffs/Basin Dakota Dual
NW Section 35, T-26-N. R-5-W
Rio Arriba County, New Mexico

Recommended Packer Repair 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 workover rig. Conduct safety meeting for all personnel on location. Blow well down. ND wellhead and NU 7-1/16" 3000 psi (6" 900 series) BOP with flow tee and stripping head. NU blooie line and 2-7/8" relief lines. Test and record operation of BOP rams. Kill well with 1% KCL water only if necessary. Have christmas tree serviced at A-1 Machine.
3. TOOH with Pictured Cliffs tubing (95 jts 1-1/2", 2.76#, IJ, J-55, tbg set @ 3060'). Visually inspect tbg and replace any bad joints. TOOH with Dakota tubing (217 jts 1-1/2", 2.90#, EUE, J-55, tbg set @ 7372'). Release locator seal assembly from Baker Model "D" packer at 7420' (To release pull up above string weight). Visually inspect tbg and replace any bad joints. Redress locator seal assembly. PU 2-3/8" workstring and RIH with 4-1/2" casing scraper or gauge ring to 7158' (Baker Model "D" Packer @ 7178'). TOOH. PU 7-5/8" casing scraper or gauge ring and RIH to 3150' (Top of liner @ 3171'). TOOH.
4. PU Model "F" Latching-type Packer plug with Model "L" retrieving head and 4-1/2" EA retrievomatic packer. Locate Baker Model "D" Packer @ 7178' and latch Packer plug onto Model "D" Packer. Unlatch from "F" latching-type packer plug and pull up 10' and set 4-1/2" EA retrievomatic packer @ 7168'. Pressure test Packer and Packer plug to 1000 psig. POH to 3191' (20' below Liner Top). Pressure test 4-1/2" casing to 1000 psig. TOOH. PU and set 7-5/8" Fullbore packer at 3148' (30' below PC perfs). Pressure test 4-1/2" and 7-5/8" casing and to 1000 psig. Reset 7-5/8" Fullbore packer at 2952' (100' above PC perfs). Pressure test 7-5/8" casing to 1000 psig, and POOH. If pressure test fails, isolate leak and design cement squeeze job as appropriate. Spot 10' of sand on top of Packer plug before pumping cement.
5. TIH with retrieving tool on 2-3/8" tbg blowing down with nitrogen. Retrieve Model "F" Latching-type Packer plug and TOOH. PU 1-1/2" tbg with turned down collars and notched collar on bottom and CO to PBDT at 7490' with nitrogen. Blow well clean and obtain gauges. TOOH laying down 2-3/8" workstring.
6. TIH with Dakota tubing with seating nipple and pump-out plug one joint off bottom. Hydrotest 1-1/2" tubing above slips, from one joint below locator seal assembly to surface. Land tubing near bottom DK perfs at 7470'. TIH with Pictured Cliffs tubing with a seating nipple and pump out plug one joint off bottom. Run perforated orange-peeled sub on bottom. Land 1-1/2" tubing near bottom PC perfs at 3118'.
7. ND BOP and NU wellhead. Record final gauges. Return well to production.

Recommended:



Approved: _____

Jicarilla 153 #12

CURRENT

S. Blanco Pictured Cliffs/Basin Dakota Dual

NW Section 35, T-26-N, R-5-W, Rio Arriba County, NM

Today's Date: 4/27/95

Spud: 6/28/68

Completed: 8/8/68

Nacimiento @ 1580'

Ojo Alamo @ 2615'

Kirtland @ 2702'

Fruitland @ 2930'

Pictured Cliffs @ 3050'

Cliff House @ 4693'

Point Lookout @ 5240'

Gallup @ 6393'

Greenhorn @ 7220'

Dakota @ 7245'

