

Form 3160-5
(July 1989)
(Formerly 9-331)

UNIT STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED
(Other instructions on reverse
side)

BLM Roswell District
Modified Form No.
NM060-3160-4

5. LEASE DESIGNATION AND SERIAL NO.
NM-435508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

Meridian Oil Inc.

8. FARM OR LEASE NAME

Prichard "A"

3. ADDRESS OF OPERATOR

P.O. Box 51810, Midland, TX 79710-1810

3a. AREA CODE & PHONE NO.

915-686-5600

9. WELL NO.

1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1980' FNL & 1980' FEL

10. FIELD AND POOL, OR WILDCAT
Jalmat (Tansill, Y, 7R)

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 09, T25S, R37E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3153' GR.

12. COUNTY OR PARISH

Lea

13. STATE

NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Fracture stimulate the Yates following the attached procedure.

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

SIGNED

Robert L. Bradshaw

TITLE

Sr. Staff Env. Rep.

DATE

14 May 1991

(This space for Federal or State office use)

APPROVED BY

TITLE

PETROLEUM ENGINEER

DATE

5 23 91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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MAY 24 1991

043
MOBILE OFFICE

Prichard A No. 1
Jalmat Field
Lea County, New Mexico

Project Engineer: K. L. Midkiff

Office: (915) 686-5714
Residence: (915) 686-8650

1. MIRU PU. Kill well with 2% KCl water. ND wellhead, NU BOP. Deliver 2 7/8" N-80 workstring to location. Tag bottom and POOH with tubing. If PBDT is above 3110', then RIH with bit and clean out with foam to $\pm 3125'$. POOH.
2. Make casing scraper run into PBDT, POOH.
3. MIRU Servo-Dynamics and wireline company. Run GR/CCL log for correlation. RIH with 2 1/2" x 12' stress-frac tool. Position tool at 3097' - 3109'. Load hole with 2% KCl water and fire tool. POOH. Cut off any frayed wireline and pour new rope socket. Repeat stress-frac procedure for the following intervals: 3080' - 3092', 3004' - 3016', 2988' - 3000', and 2964' - 2976'. RDMO service companies.
4. RIH with treating packer to $\pm 2800'$. Set packer and test annulus to 1000 psi. MIRU stimulation company. NU frac valve to 2 7/8" tubing. NU surface lines and test to 5000 psi. Fracture stimulate Yates down tubing with 18,900 gallons of 50-Quality CO₂ foam and 72,600 lbs 12/20 mesh Brady sand.

Treating Rate	= 25 BPM
Anticipated Pressure	= 2600 psi
Maximum Pressure	= 4600 psi @ 25 BPM
Maximum Pressure	= 3350 psi @ 0 BPM (70% of rated)

Stage	Fluid	DDG	Volume (gal)
Pad	50-Q Foam	0	6300
1	50-Q Foam	2	1200
2	50-Q Foam	4	1800
3	50-Q Foam	6	3700
4	50-Q Foam	8	5100
Flush	50-Q Foam	0	650

Shut in for 60 minutes then flow back on 16/64" choke. Flow back overnight.

Prichard A No. 1
Procedure
Page Two

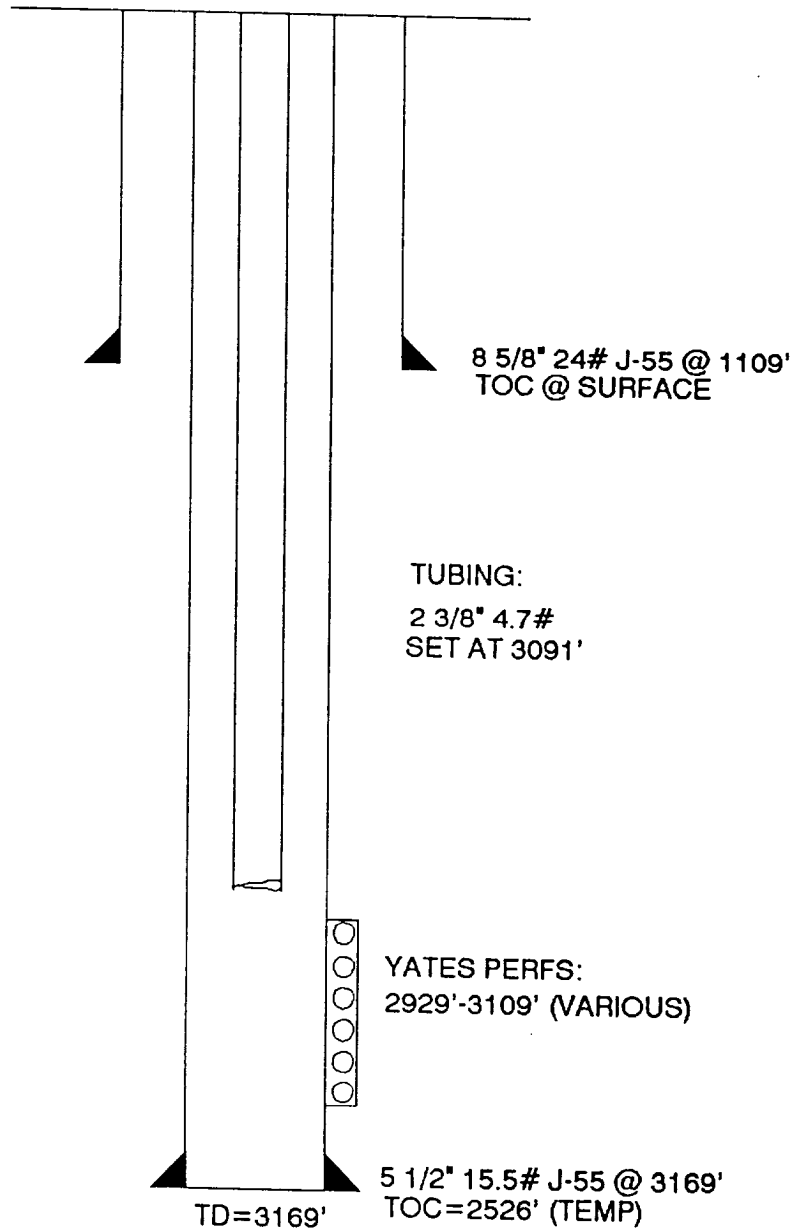
5. Kill well with 2% KCl water. Release packer and POOH. RIH with bit. Clean out hole with foam to $\pm 3125'$. POOH, and lay down workstring.
6. RIH with production tubing and SN to $\pm 2900'$. Deliver $3/4"$ Norris 90 rod string to location. RIH with Stanley Filter, $2" \times 1.25" \times 16'$ RHBC pump and $3/4"$ rods. Space out pump and clamp off. Production personnel will install pumping unit.
7. Return in 10 days and lower tubing to $\pm 3100'$.

Approved: _____
T. J. Harrington

Date: _____

MERIDIAN OIL

PRICHARD A ~~550~~ NO. 1
JALMAT FIELD
LEA COUNTY, NEW MEXICO



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MAY 24 1991

U.S. DEPT. OF JUSTICE