

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. NM-01135
2. NAME OF OPERATOR MERIDIAN OIL INC.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 21 DESTA DR., MIDLAND, TX 79705	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL + 760' FWL, Sec. 33, T-19-S, R-32-E	8. FARM OR LEASE NAME Plains Unit Delaware Fed.
14. PERMIT NO.	9. WELL NO. 7
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3569' R.D.B.	10. FIELD AND POOL, OR WILDCAT Lusk (Delaware)
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T-19-S, R-32-E
	12. COUNTY OR PARISH Lea
	13. STATE NM

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☒ Recomplete Lower Delaware + commingle with upper Delaware

PULL OR ALTER CASING ☐
MULTIPLE COMPLETION ☐
ABANDON* ☐
CHANGE PLANS ☐

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(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.)*

1. Deliver 6700' of 2-7/8" 6.5# N-80 workstring which has been inspected.
2. Deliver +1500' of 2-3/8" 4.7# J-55 EUE 8rd tubing which has been inspected in the Midland yard.
3. MIRU PU. ND pump tee. POH with rods and pump.
4. Load hole and drop standing valve. Pressure test tubing to 500 psi. Retrieve standing valve. Note: If annulus does not hold fluid, consult with Project Engineer for an amendment to the procedure.
5. ND tubinghead. NU BOP. POH with +4955' of 2-3/8" 4.7# J-55 tubing.
6. RIH with 4-3/4" bit, drill collars, crossover and 2-7/8" tubing to 4797'. Drill out 5-1/2" 17# cement retainer set at 4797'. Drill cement & clean out hole to 6600'. POH. Note: Casing has possibly been cut, pulled and set at 5100'.
7. RIH with 5-1/2" 17#, 10M# differential treating/production packer, SN (1.781" ID) and +4735' of 2-7/8" tubing. Set packer and differentially test existing squeeze holes by pressure testing to +500 psi and then swab well down to SN to check for fluid entry. If squeeze holes do not test, a squeeze procedure will be provided by the Project Engineer. POH.
8. MIRU wireline unit. RIH with GR-CCL-CBL and log from PBTD to +4600'. Telecopy log to Midland office. If questionable bond exists over the proposed interval, consult with Project Engineer for squeeze procedure. RIH with temperature tool and obtain pre-treatment base log. POH. RIH with 4" casing guns and perforate the Lower Delaware formation at 6455'-6468' with 2 JSPF at 120° phasing for a total of 26 holes. POH. (over)

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

SIGNED

TITLE Operations Tech III

DATE 12-14-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

9. RIH with a 5-1/2" 17#, 10M# differential treating/production packer, SN (1.781" ID) and 2-7/8" tubing to 6355'. Pressure test tubing to +8000 psi while going in. Set packer. MIRU stimulation company. NU surface lines and test to +8000 psi. Pump 2500 gallons of 15% NEFE HCl acid with 0.2% corrosion inhibitor, 0.1% nonemulsifier and 0.5% citric acid. After pumping 10 bbls of acid, begin pumping 52 7/8" RCNBS (Sp. Gr. 1.3) at 1 ball/bbl. Displace acid with +39 bbls of slick 2% KCl water. If ballout occurs, surge balls and continue displacement.
 Anticipated Treating Pressure = 3000 psi
 Maximum Treating Pressure = 5000 psi
 Treating Rate = 2-3 BPM
 RDMO stimulation company.
10. NU lubricator. RIH with temperature tool and obtain post-treatment log with decays. RDMO wireline unit. Consult with Project Engineer on results of temperature survey.
11. Release packer. Drop down to 6470' to knock ball sealers off of perfs. Pull to 6355'. Set packer.
12. Swab/flow test well. Report production volumes to Project Engineer. Evaluate to fracture stimulate.
13. MIRU stimulation company. NU frac valve. Load annulus with 2% KCl. If annulus does not load, MI Nitrogen truck. Place and monitor 200 psi on annulus during treatment. Fracture stimulate the Lower Delaware perforations (6455'-68'; 26 holes) according to the attached stimulation schedule.

Fluid Volume	15,000 gal
Proppant	36,900 lbs 12/20
Anticipated Treating Rate	12 - 15 BPM
Anticipated Treating Pressure	3500 psi
Maximum Treating Pressure	5000 psi

 Flush fracture treatment with +39 bbls slick 2% KCl water. RDMO stimulation company.
14. Flow back well to release wellbore pressure. When well dies. ND frac valve. Release packer. Drop down and tag PBTB. POH and lay down 2-7/8" workstring.
15. RIH with production tubing as follows:
 Bull plugged MA
 Perforated sub
 SN (1.781" ID) - Set at 6350'
 4 joints of 2-3/8" 4.7# J-55 tubing
 5-1/2" TAC
 +6190' of 2-3/8" 4.7# J-55 tubing
 ND BOP. Set TAC. NU pump tee. RIH with the following:
 2" x 1-1/4" x 16' RHBC
 7/8" steel pony rod
 64 - 3/4" steel sucker rods
 189 - 7/8" steel sucker rods
 Space out pump and clamp off.
 RDMO PU. Transfer Lufkin C 228-213-86 pumping unit from State JS #5 and set unit.
 Hang well on pump and report rates to the Midland office.

RECEIVED

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