Submit 3 Copies to Appropriate District Office

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-103
Revised 1-1-89

WELL API NO. 30-025-11302

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: LANGLIE JAL UNIT

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator: MERIDIAN OIL INC.

8. Well No.: # 28

3. Address of Operator: P.O. Box 51810, Midland, TX 79710-1810

9. Pool name or Wildcat: LANGLIE MATTIX FIELD

4. Well Location
Unit Letter O : 1900' Feet From The EAST Line and 440' Feet From The SOUTH Line
Section 31 Township 24S Range 37E NMPM LEA County

10. Elevation (*Show whether DF, RKB, RT, GR, etc.*)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐			CASING TEST AND CEMENT JOB	☐		
OTHER: ADDING SEVEN RIVERS	☒			OTHER:	☐		

12. Describe Proposed or Completed Operations (*Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work*) SEE RULE 1103.

SEE ATTACHED PROCEDURES.

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

SIGNATURE _____ TITLE PRODUCTION ASSISTANT DATE 2/7/94

TYPE OR PRINT NAME DONNA WILLIAMS TELEPHONE NO. 915-688-6943

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE _____ DATE MAR 02 1994

CONDITIONS OF APPROVAL, IF ANY:

Fee
30-025-11302
O 1900 E 4405
31 24S 37E

CA# 8910115870

LANGLIE JAL UNIT NO. 28
LANGLIE MATIX FIELD (SR)
LEA COUNTY, NEW MEXICO

Project Engineer: A. L. Billman

Office: (915) 688-6848
Home: (915) 694-5681

SEVEN-RIVERS RECOMPLETION

RECOMMENDED PROCEDURE

Note: H2S MAY BE PRESENT

1. Install and test anchors. Deliver tubing racks and ±3,600' of 2 7/8" 6.5# N-80 EUE tubing for workstring.

2. MIRU pulling unit. Kill well with 2% KCl. Unseat pump and POOH with 1,914' of 3/4" rods, 1,400' of 5/8" rods, and 2" x 1 1/4" x 12' pump. ND wellhead. NU BOP.

3. Release TAC and POOH with 3,359' of 2 3/8" J-55 tubing.

4. PU and RIH with 5 1/2" tension packer and RBP on 2 7/8" workstring. Set RBP at ±3,100'. Set packer and test RBP to 2,000 psi. Release packer and move uphole and locate leaks. POOH. Dump 2 sx of sand on RBP. Report leaks to Midland Office. Squeeze procedure and cement requirements will be provided at this time.

5. RIH with 4 3/4" bit and drill collars on 2 7/8" workstring. Drill out cement retainer and squeeze. Test squeeze to 500 psi. Clean out well to RBP at ±3,100'. POOH.

6. RIH with retrieving head on 2 3/8" workstring to RBP at 3,100'. POOH with RBP.

7. RIH with 4 3/4" bit and drill collars on 2 7/8" workstring. Clean out well to original TD of 3,505'. If well will circulate, continue drilling an additional 55' to a new TD of 3,560'. Circulate hole clean. Pickle inside tubing with 200 gallons of 7 1/2% NEFe HCl. Reverse out acid and POOH.

8. RU wireline unit. RIH with 4" retrievable select fire guns loaded 1 SPF and perforate 19 holes at the following depths: (correlate to Compensated Neutron Log dated 3/27/94.)

3,254', 3,256', 3,258', 3,263', 3,274', 3,276', 3,283', 3,291', 3,297', 3,300', 3,306', 3,308', 3,331', 3,336', 3,348', 3,351', 3,353', 3,355', 3,357'

9. RIH with RBP and treating packer on 2 7/8" workstring. Set RBP at 3,370'. PU to 3,357'. Spot 200 gallons of 15% NEFe HCl across perfs. PU to ±3,150' and set packer. Load and test backside to 500 psi.

10. Acidize down 2 7/8" tubing with 1,500 gallons of 15% NEFe HCl and 38 ball sealers.

Anticipated Rate:	3 - 5 BPM
Anticipated Pressure:	1,500 psi
Maximum Pressure:	3,500 psi

Flush acid out tubing with 2% KCl. If ballout occurs, surge balls off and complete stimulation.

11. Swab back acid load. Report fluid entry rate and cuts to Midland Office. Wait on insrtuctions to continue with fracture stimulation.

12. Release packer and run through perfs to knock balls off. Re-set packer at ±3,150'. Load and test backside to 500 psi.

13. RU to fracture stimulate down 2 7/8" tubing with 15,000 gallons x-linked gel and 41,000# 12/20 sand. Test all surface connections to 5,000 psi.

	Stage	GEL VOL (gals)	PROPPANT CONCEN (lb/gal)
1.	Pad	5,000	0
2.	Sand	1,000	1
3.	Sand	1,000	2
4.	Sand	1,500	3
5.	Sand	1,500	4
6.	Sand	2,500	5
7.	Sand	2,500	6
8.	Flush	750	0

Anticipated Rate:	18 BPM
Anticipated Pressure:	2,300 psi
Maximum Pressure:	5,000 psi

Record 5, 10, and 15 minute shut-in pressure.

14. Shut-in well overnight to allow gel to break.

15. Swab well and report returns to Midland Office.

16. Release packer and POOH with 2 7/8" workstring. RIH with 2 7/8" workstring open-ended and clean out well to RBP at 3,370'. POOH. RIH with retrieving head and retrieve RBP at 3,400'. POOH laying down. Hydrotest into hole to 2,000 psi with 2 3/8" MA, 5' perf sub, SN, 260' of 2 3/8" 4.7#, J-55 production tubing, 5 1/2" TAC, and ±3,060' of 2 7/8", 4.7#, J-55 production tubing. Set TAC at ±3,060' (SN @ ±3,325').

17. ND BOP. NU wellhead. RIH with 2" x 1 1/4" x 12' pump on 1,400' of 5/8" rods and 1,914' of 3/4" rods. Space out rods and return to production. Report test volumes for two weeks.

Approved:_____ Date:_____
G. W. Brink