

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. JILCONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

FORM APPROVED
Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
MERIDIAN OIL INC.

3. Address and Telephone No.
P.O. Box 51810, Midland, TX 79710-1810 915-688-6943

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 30, T23S, R32E
1980' FNL & 2310' FEL

5. Lease Designation and Serial No.

NM 86927

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

LITTLE JACK 30 NO. 12
FEDERAL

9. API Well No.

30-025-32481

10. Field and Pool, or exploratory Area

BONE SPRING, South Sand
Dunes

11. County or Parish, State

LEA CO. NM.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

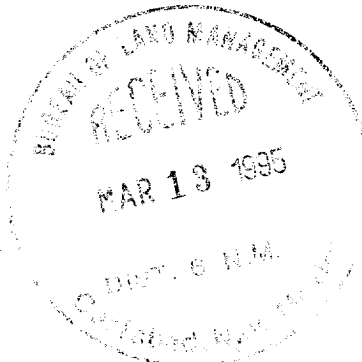
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other RECOMPLETION
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. 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.)*

MERIDIAN OIL INC. REQUESTS APPROVAL TO RECOMPLETE FROM THE DELAWARE ZONE TO THE BONE SPRING. THE WELL WAS ORIGINALLY DRILLED TO 8800' (BONE SPRING). WE ARE PLANNING TO SQUEEZE THE DELAWARE PERFS AND REPERF IN THE BONE SPRING. SEE ATTACHED PROCEDURES.

REQUEST IMMEDIATE APPROVAL.



Verbal approval S. Shaw 3/10/95

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

Signed

Title REGULATORY ASSISTANT

Date 3/10/95

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA

Title

PETROLEUM ENGINEER

Date 4/5/95

Conditions of approval, if any:

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4 - If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE - The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operation, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION - Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory only for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

**Little Jack 30 Fed #2
South Sand Dunes Field
Lea County, New Mexico**

Project Engineer: L. C. Painter

Office: 915/688-6823

Residence: 915/520-0214

Recommended Recompletion Procedure

NOTE: Contact Artesia Production office and request to hot water well ± 2 days prior to workover.

1. MIRU PU. POOH w/ pump and rods. ND WH. NU BOP.
2. Release TAC and POOH with 2 7/8" 6.5# tubing and TAC.
3. RIH with bulldog bailer on sandline. Knock out CIBP at 7,307' to allow access to perfs 7,312'-7,336'. POOH.
4. RIH with cement retainer for 5 1/2" 17# casing on tubing to $\pm 7,250'$. Set retainer at $\pm 7,250'$. Establish pump-in rate and pressure. Squeeze perforations 7,272'-7,336' as per Western's recommendation. Sting out of retainer, reverse excess cement out of tubing, and POOH. WOC.
5. MIRU foamed air unit and power swivel. PU and RIH with bit and drill collars for 5 1/2" 17# casing on 2 7/8" tubing. Drill out cement retainer and cement down past 7,336'. Pressure test squeeze to 500#. Continue in hole and drill out CIBP at 7,450'. RIH to PBTD at 8,750' and circulate hole clean. POOH.
6. MIRU wireline unit. NU packoff head. RIH with 4" casing guns and perforate the following intervals 4 JSPF, 120° spiral phasing:

<u>Interval</u>	<u>Feet</u>	<u># Shots</u>
8,650'-8,666'	16	64
8,672'-8,690'	18	72

POOH.

7. RIH with wireline reentry guide, 2.313" Type X landing nipple, 2 7/8"x 6' EUE N-80 pup joint, packer to tubing adapter, and Halliburton 5 1/2"x 3" Perma-Drill packer and setting tool on wireline. Set packer at $\pm 8,575'$. POOH. ND packoff head. RDMO wireline company.
8. RIH, hydrotesting to 5,000 psi, with Halliburton 2 7/8"x 3" packer seal assembly with J-latch, 1 jt 2 7/8" 6.5# tubing, standard SN, and ± 272 jts 2 7/8" 6.5# tubing to $\pm 8,575'$. Sting and latch into packer at $\pm 8,575'$.
9. MIRU Stimulation Company. NU stimulation valve. Test surface lines to 5000#. Load 2 7/8" x 5 1/2" annulus with 2% KCL water and surfactants. Pump 1500 gal. of 7 1/2% NEFe HCL Acid. Space out 200 7/8" (1.3 SP. GR.) RCNBS throughout job. Displace acid with 2% KCL water. Record ISIP and surge RCNBS off of perfs.

Anticipated Treating Rate	=	5 - 6 BPM
Anticipated Treating Press	=	2,200 psi
Maximum Treating Press	=	4,250 psi

10. ND stimulation valve. Swab back acid load. Continue swabbing until rates stabilize. Report fluid volumes and levels to Midland Office for decision to continue.

Little Jack 30 Fed #2
Tresnor Sand Recompletion

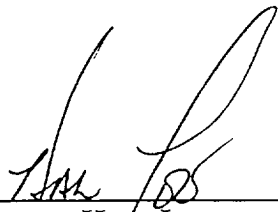
11. RU stimulation company. Test surface lines to 5,000 psi. Fracture treat the Tresnor sand down tubing with 16,500 gal 35# XL GEL, 42,000 lbs 20/40 Northern White sand, and 12,000 lbs 20/40 Super DC R.C. sand as follows:

Stage	Stage Vol. (Gals)	Fluid Type	Proppant Conc. ppg/Type
Pad	6000	Viking ID-35	0
2	2500	Viking ID-35	2 (N.W.)
4	2500	Viking ID-35	4 (N.W.)
6	2500	Viking ID-35	6 (N.W.)
8	1500	Viking ID-35	8 (N.W.)
8	1500	Viking ID-35	8 (Super DC)
Flush	2100	35# Base Gel	0

Anticipated Treating Rate = 20 BPM
 Anticipated Treating Pressure = 5,000 psi
 Maximum Pressure = 8,400 psi

12. SI well and record ISIP, 5, 10, and 15 min SIP's. RDMO stimulation company. Leave well shut-in overnight.
13. Flow back to recover load. ND stimulation valve.
14. Swab back remaining frac load. Continue swab testing well. If well kicks off flowing turn over to production, if well does not flow go to step #15.
15. ND BOP. NU WH. RIH with rods and pump. Pump and rod design will be provided. Space out pump. Hang well on.
16. RDMO pulling unit. Turn well over to production. Put on test and report rates and pressures through computer system for 21 days.

Approved: _____


 H. A. Lee

Date: _____

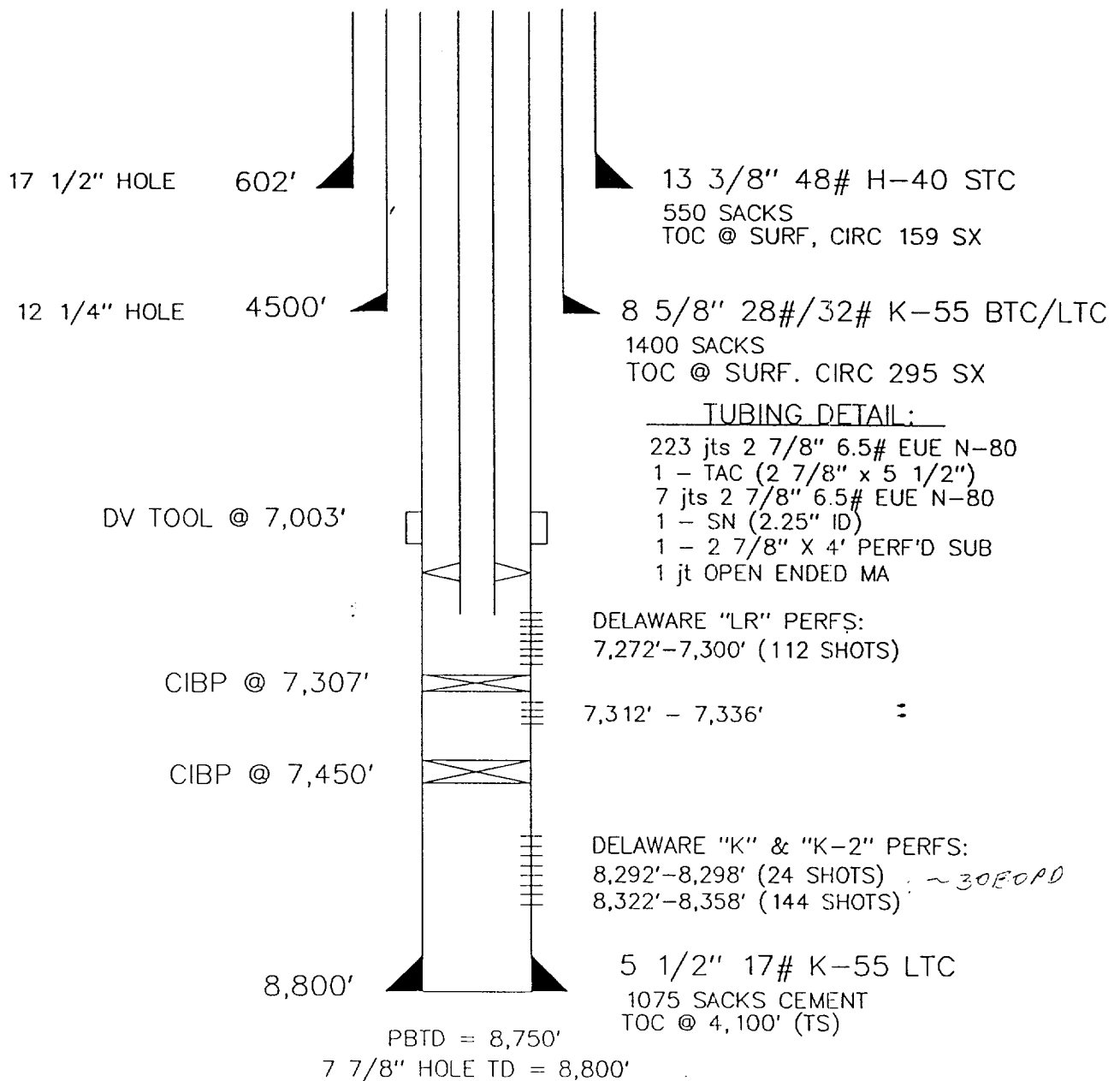


MERIDIAN OIL

LITTLE JACK 30 FEDERAL #2

SOUTH SAND DUNES FIELD

LEA COUNTY, NEW MEXICO



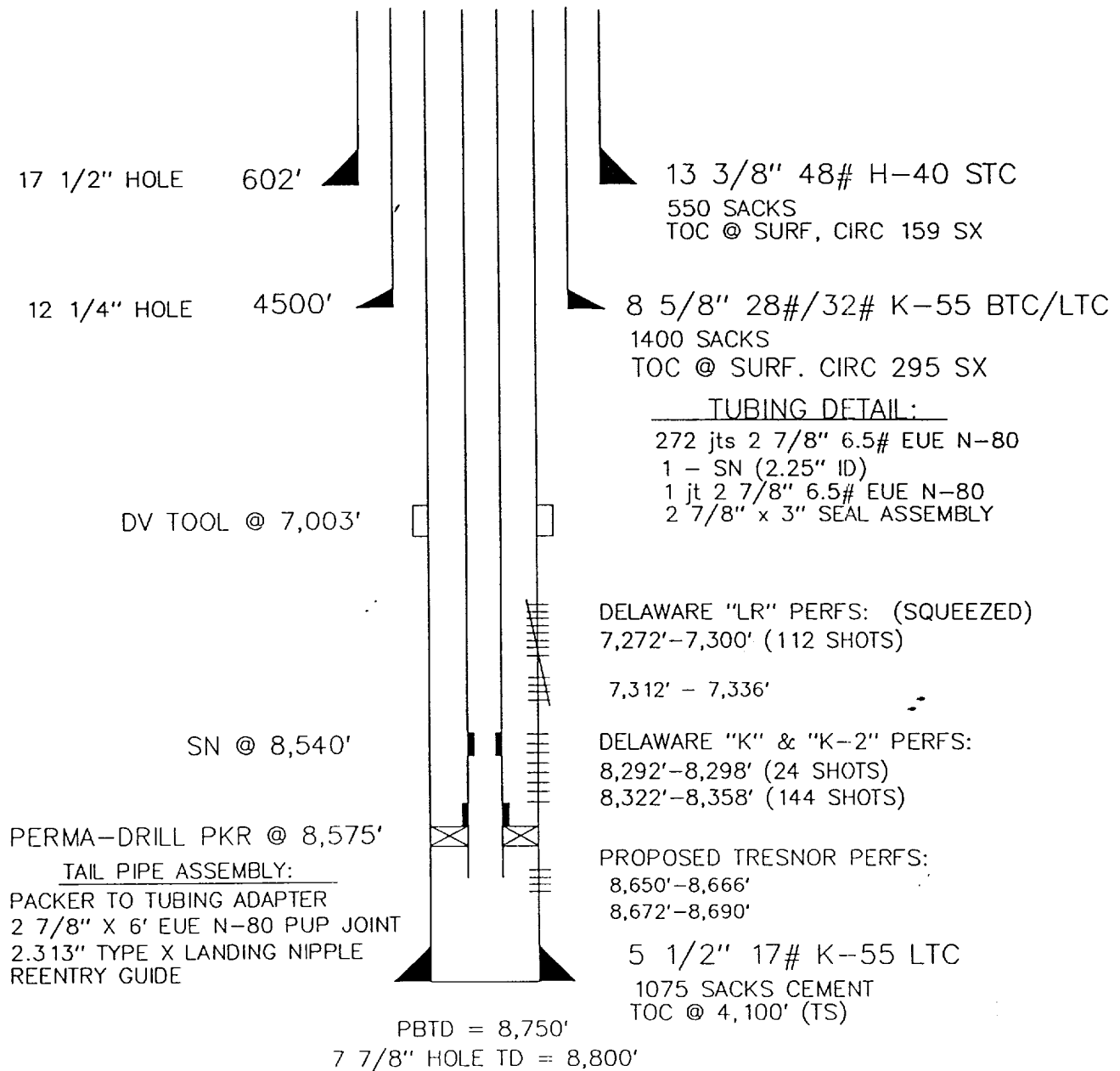
EXISTING CONFIGURATION

MERIDIAN OIL

LITTLE JACK 30 FEDERAL #2

SOUTH SAND DUNES FIELD

LEA COUNTY, NEW MEXICO



PROPOSED CONFIGURATION

THE UNIVERSITY OF MICHIGAN
LIBRARY

1960

OFFICE