

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

Designation and Serial No.

~~LC 032570-0~~ NM-0766 R

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

915-688-6943

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

M, 660' FSL & 660 FWL

25, T25S, R37E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. CARLSON A

FEDERAL NO. 2

9. API Well No.

30-025-1178100

10. Field and Pool, or Exploratory Area

LANGLIE MATTIX

11. County or Parish, State

LEA COUNTY, 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

- ☐ 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.)*
SEE ATTACHE PROCEDURES AND WELL DIAGRAMS

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

Signed Donna Williams

Title PRODUCTION ASSISTANT

Date 10/8/93

(This space for Federal or State office use)

Approved by Shannon J. Shaw
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date 12/17/93

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Carlson A Federal No. 2
Langlie Mattix (7 RV, QN, GBG) Field
Lea County, New Mexico

Project Engineer: K. E. Burns

Office (915) 688-6816
Residence (915) 694-4231

Recommended Plug and Abandon Procedure

**Note: Notify BLM prior to any plugging operations.
H2S may be present.**

Top of Salt: +/- 890' Base of Salt: +/- 1988'

1. Move 3050' 2-3/8", 4.7#, J-55, EUE tubing workstring to location.
2. MIRU pulling unit. Install and test BOPE.
3. TOH, LD tubing and tally same.
4. PU and strap in hole w/ 2-3/8" tubing workstring, bit and scraper to +/- 3050'. POOH w/ tubing and tools.
5. PU and RIH w/ 5-1/2", 15.5# CIBP on tubing and set @ +/- 3035'. RU cementing equipment. Displace hole w/ 10.0 ppg gelled brine mud (+/- 72 bbl). Mix and spot 25 sx (247') Class C cement atop CIBP.
6. PUH w/ tubing to +/- 2038', laying down string at surface. Spot 25 sx (247') Class C cement plug @ 2038'. PUH to +/- 1800' and clear tubing. Pressure test casing to 1000 psi.
7. POOH w/ tubing, laying down all but 16 stands. RU electric wire line equipment and NU pack-off. Run short section of GR/CCL and tie to GR/N run by The Western Company on 2/15/55. Perforate squeeze holes (4) @ 940'. Correlate depths with the referenced GR/N. POOH.
8. RIH w/ tubing open ended to +/- 940'. RU cementing equipment. Establish pump-in rate of 2-5 BPM. Mix and pump 50 sx Class C cement, squeezing 30 sx (229') through holes and up outside 5-1/2" and leave 20 sx (198') inside 5-1/2". Limit squeeze pressure to 1000 psi. **Note:** If pump-in is not achieved, spot 25 sx (247') balanced plug @ 940'. POOH w/ tubing, laying down same.
9. RU electric wire line equipment and NU pack-off. Perforate squeeze holes (4) @ 341'. POOH. RD BOPE.

Carlson A Federal No. 2, P & A Procedure cont'd.

10. RU cementing equipment. Establish pump-in rate of 2-5 BPM down 5-1/2", and circulate to surface out bradenhead. Mix and pump 85 sx Class C cement. Circulate cement to the surface out bradenhead and top out inside 5-1/2".
11. Cut casing off 3' below surface. Weld steel plate and abandonment marker to casing stub.
12. Restore location as directed.

KEP
Approved:

[Signature]

[Signature]
T. J. Harrington

Date: 12 Oct 93

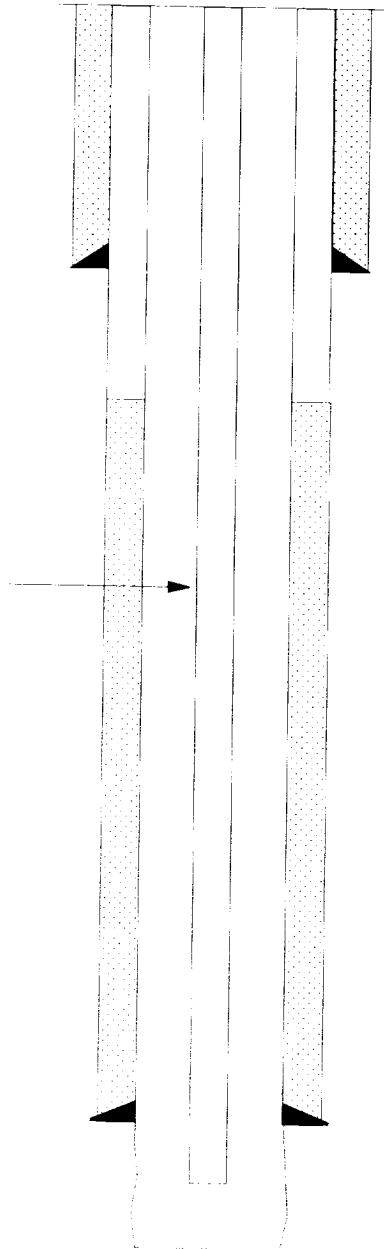
MERIDIAN OIL

FIELD: LANGLIE MATTIX (7-RV, QN, GBG)
LEASE: CARLSON A FEDERAL **WELL NO.** 2
LOCATION: 660' FS & WL; SEC. 25, T-25-S, R-37-E
 LEA COUNTY, NEW MEXICO

DATE SPUD: 02/55 **COMP:** 02/55
ELEVATION: 3052' DF

Casing Detail				
SIZE	WT.	GRD.	CPLG.	DEPTH
8-5/8"	NA	NA		0-291'
5-1/2"	15.5#	J-55	STC	0-3085'

TUBING STRING:
 3209' OF 2-3/8", 4.7#, J-55,
 8 RD, EUE, (I.D. 1.995")



8-5/8" @ 291' (Est I D 8.097", WI NA)
 Cement W/ 225 Sx
 TOC: Surface, Calc. In 11" Hole

TOC (Long String) 800'

TOS @ 890'

BOS @ 1988'

5-1/2", 15.5#, J-55 Set @ 3085'
 Cemented W/ 300 sx (4.950" I D)
 7-7/8" Hole

Open Hole (Assumed 4-3/4")

CURRENT CONFIGURATION
 TD: 3224'

MERIDIAN OIL

FIELD: LANGLEIE MATTIX (7-RV, QN, GBG)
LEASE: CARLSON A FEDERAL **WELL NO.** 2
LOCATION: 660' FS & WL; SEC. 25, T-25-S, R-37-E
 LEA COUNTY, NEW MEXICO

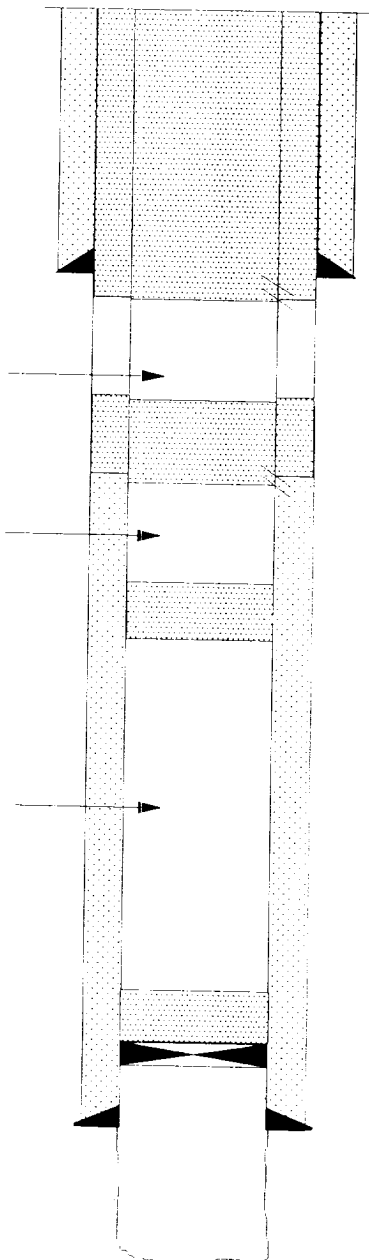
DATE SPUD: 02/55 **COMP:** 02/55
ELEVATION: 3052' DF

Casing Detail				
SIZE	WT.	GRD.	CPLG.	DEPTH
8-5/8"	NA	NA		0-291'
5-1/2"	15.5#	J-55	STC	0-3085'

10 PPG Gelled Brine Mud
 PLUG: 50 ex CI C @ 840'
 Squeeze 30 ex out Perfs
 Leave 20 ex Inside 5-1/2"

10 PPG Gelled Brine Mud
 PLUG: 25 ex CI C @ 2038'

10 PPG Gelled Brine Mud
 PLUG: 25 ex CI C @ 3035'
 PLUG: 5-1/2", 15.5# CIBP @ 3035'



PLUG: 85 ex CI C,
 Continuous to Surface In 5-1/2"
 and In 5-1/2" X 8-5/8" Annulus

8-5/8" @ 291' (Est I D 8.097", Wt NA)
 Cement W/ 225 Sx
 TOC: Surface, Calc. In 11" Hole
 Squeeze Perfs @ 341'

TOC Long String @ 800' (Calc.)

TOS @ 890'
 Squeeze Perfs @ 940'

BOS @ 1988'

T/Queen @ 2960'
 5-1/2", 15.5#, J-55 Set @ 3085'
 Cemented W/ 300 ex, 4.950" I D
 7-7/8" Hole
 Open Hole (Assumed 4-3/4")
 3085'-3224'

PROPOSED P & A CONFIGURATION
 TD: 3224'