District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

C1SF
DP

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator name and Address	[2] OGRID Number
Meridian Oil Inc. P.O. Box 51810 Midland, TX 79710-1810	26485
	[3] API Number 30-0 30-015-22692

RECEIVED
JAN 31 1996
OIL CON. DIV.
DIST. 2

[4] Property Code	[5] Property Name	[6] Well Number
014785	State 16 Com	# 1

[7] Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
	16	19S	29E		1980'	North	1980'	East	Eddy

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

[9] Proposed Pool 1	[10] Proposed Pool 2
Turkey Track (Atoka)	

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
Recompletion	Gas		State	3340' GL/3356' KB
[16] Multiple	**[17] Proposed Depth**	**[18] Formations**	**[19] Contractor**	**[20] Spud Date**
	11,524'	Atoka		Upon Approval

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
	11 3/4"	42#	329'	350 sxs	Surf.
	8 5/8"	24#	2800'	850 sxs	Surf.
	4 1/2"	11.6#	11,524'	900 sxs	TOC@7820' (TS)

[22] Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

Meridian Oil Inc. respectfully request approval to recomplete from the Morrow to the Atoka formation. Current perforations are at 11,115'-11,255'. It is our contention to set a CIBP @ 11,060' and cap w/~~20~~ 35' cmt. Please see attached detail procedure plus before and after wellbore diagrams.

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

Signature:

Printed name: Donna Williams

Title: Regulatory Compliance

Date: 1/29/96

Phone: 915-688-6943

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: FEB 1 1996

Expiration Date:

Conditions of Approval:
Attached ☐

State 16 Comm. No. 1
Turkey Track (Atoka) Field
Eddy County, New Mexico

Project Engineer: **Jack R. Gevecker**

Office (915) 688-6982
Residence (915) 682-0100

Recommended Procedure

5000 #

1. MIRU pulling unit. Blow well down. Install and test BOP. Kill well w/ 45 bbls 2% KCL water containing surfactants. Release Guiberson Uni-VI packer and POOH w/ 2-3/8" tubing.

2. RU wireline company and packoff. GIH w/ 4-1/2" CIBP setting @ 11,060'. Cap CIBP w/ 30' of cement using a dump bailer.

3. ND BOP. NU frac valve. Pressure test casing and CIBP to 3000 psi. ND frac valve. NU BOP.

4. GIH w/ SN, Baker LokSet packer with an on/off tool and 1.81" Model R profile on 2-3/8" tubing to 10,700' testing tubing in hole to 5000 psi.

5. Pump down 2-3/8" tubing w/ 500 gals 15% HCL containing 2 gal/1000 HAI-85M corrosion inhibitor. Flush w/ 40 bbls 2% KCL water. Pump down backside and reverse out acid w/ 50 bbls 2% KCL water followed by 110 bbls packer fluid.

6. Pick up and set packer @ 10,550' in slight compression. Pressure backside to 1000 psi to test annulus. ND BOP. NU wellhead. Pressure test wellhead and tubing to 5000 psi.

7. Swab fluid level down to +/- 6000' (approx. 3000 psi underbalanced).

8. RU wireline company and grease lubricator. GIH w/ 1-11/16" decentralized strip jet gun and perforate w/ 2 shots/ft 10,653'-60' and 10,784'-10,788' (26 holes, Atoka).

9. Swab well if necessary. Flow test well through battery down flowline. Report rates and pressures to Midland office.

10. If warranted, RU Halliburton and tree saver. Pressure backside to 500 psi. Acidize down 2-3/8" tubing w/ 1500 gals 7-1/2% MOD 101 acid containing methanol and 1000 scf/bbl nitrogen. Flush w/ 1000 gals 2% KCL water containing 1000 scf/bbl nitrogen. Anticipated rate is 2 BPM liquid. Maximum treating pressure is 5000 psi.

State 16 Comm. No. 1 procedure continued:

11. Open well, swab if necessary. Flow test well through battery down flowline to cleanup.

12. Set 72 hr BHP bomb in 1.81" Model R nipple @ +/- 10,550' and conduct 4 point test. Shut-in well the balance of test period.

13. Retrieve bomb and report results to Midland office.

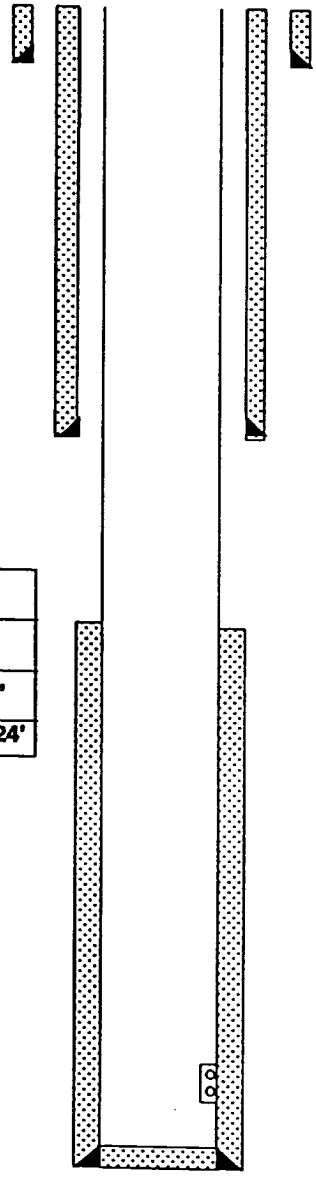
14. Return well to production and report tests.

Approved: _____
Hal A. Lee

Date: 1/16/96

MERIDIAN *OIL*

FIELD: TURKEY TRACK (ATOKA) DATE SPUD: 11/17/78 COMP: 1/79
LEASE: STATE 16 COMM. WELL NO. 1 ELEVATION: 3340' G.L., 3356' KB
LOCATION: 1980' FNL & 1980' FEL, SEC 16, T-19-S, R-29-E
EDDY COUNTY, NEW MEXICO



11-3/4" @ 329'
CEMENT W/ 350 SX
TOC @ SURF

DP: 72105
L-3473

8-5/8" @ 2800'
CEMENT W/ 850 SX

CASING DETAIL

11-3/4	42#	H-40	STC	0'-329'
8-5/8	24#	K-55	STC	0'-2800'
4-1/2	11.6#	N-80	LTC	0'-11,524'

MORROW PERFS
11,115'-11,255'

4-1/2" @ 11,524'
CEMENT W/ 900 SX
TOC @ 7820', TS

EXISTING CONFIGURATION

TD: 11,524'
PBTD: 11,490'

JRG
1/16/96

MERIDIAN *OIL*

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LEASE: STATE 16 COMM. WELL NO. 1 ELEVATION: 3340' G.L., 3356' KB
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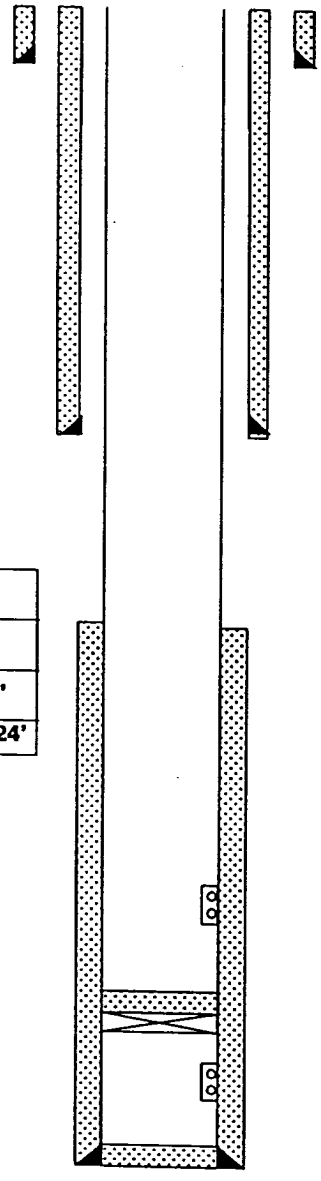

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TOC @ SURF

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ATOKA PERFS
10,653'-10,788'

CIBP @ 11,060'
CAP W/ 20' CEMENT

MORROW PERFS
11,115'-11,255'

4-1/2" @ 11,524'
CEMENT W/ 900 SX
TOC @ 7820', TS

PROPOSED CONFIGURATION

TD: 11,524'
PBTD: 11,490'

JRG
1/16/96