

Form 3160-5
(July 1989)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVED
OFFICE FOR NUMERICAL
OF COPIES REQUIRED
(Other instructions on reverse
side)

BLM Roswell District
Modified Form No.
NM060-3160-4

5. LEASE DESIGNATION AND SERIAL NO.
NM-58034

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

Meridian Oil Inc.

8. FARM OR LEASE NAME

Pecos Federal

3. ADDRESS OF OPERATOR

21 Desta Dr., Midland, TX 79705

3a. AREA CODE & PHONE NO.

915-686-5600

9. WELL NO.

1-Y

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

690' FSL & 660' FEL

10. FIELD AND POOL, OR WILDCAT

Brushy Draw (Delaware)

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 27, T26S, R29E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

2882' GR.

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) **Add More Delaware Pay**

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

X

SUBSEQUENT REPORT OF:

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.)*

Recomplete to add more Delaware pay (procedure and well bore diagrams attached).

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

SIGNED

Robert L. Bradshaw

TITLE

Sr. Staff Env./Reg. Spec.

DATE

05 December 1990

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

***See Instructions on Reverse Side**

Pecos Fed. No. 1-Y
Brushy Draw Field
Eddy County, New Mexico

Project Engineer: K. L. Midkiff

Office: (915) 686-5714

Residence: (915) 686-8650

1. MIRU PU. ND WH, NU BOP. POOH with rods, pump and tubing. LD rods.
2. RIH with casing scraper to PBTD. POOH. RIH with treating packer to $\pm 4800'$. Set Packer. Mix three drums of Tretolite SP307M (scale inhibitor) with 30 bbl of 2% KCl water and 5 gallons of RP-2336 (demulsifier). Squeeze Cherry Canyon zone with scale inhibitor mixture at 1 BPM. Overflush with 20 bbl of 2% KCl water. Release packer and POOH. (This setp may be deleted based on results of water analysis). Load hole with treated 2% KCl water (same as breakdown fluid).
3. Set CIBP at $\pm 3400'$. Test casing and plug to 3500 psi. RIH with 2 1/2" casing gun and perforate Bell Canyon with 2 SPF at 2948'-2957' (18 shots), 2967'-2989' (44 shots), and 2993'-3018' (50 shots). POOH with wireline.
4. MIRU stimulation company. NU surface lines and test to 4000 psi. Breakdown Bell Canyon with 3400 gallons of treated 2% KCl water and 168 7/8" RCNBS (Sp. GR. = 1.3). Release packer and POOH. Pump down casing. Run gauge ring and junk basket to knock balls off.

Treating Rate =	8 BPM
Anticipated Pressure =	1400 psi
Maximum Pressure =	3500 psi

5. Fracture stimulate Bell Canyon down casing with 23000 gallons of 65-Quality N₂ foam and 89000 lbs of 12/20 mesh Ottawa sand. Pump at 40 BPM.

Treating Rate =	40 BPM
Anticipated Pressure =	2100 psi
Maximum Pressure =	3500 psi

<u>Stage</u>	<u>Fluid</u>	<u>ppg</u>	<u>Volume (gal)</u>
Pad	65-Q Foam	0	8500
1	65-Q Foam	2	1500
2	65-Q Foam	4	2000
3	65-Q Foam	6	3000
4	65-Q Foam	7	4000
5	65-Q Foam	8	4000
Flush	65-Q Foam	0	1750

Shut well in for 90 minutes, then start to flow back.

6. RIH with bit and knock out CIBP. Clean out to PBTD. POOH. RIH with MA, PN, SN and tubing to 2900'. Run new pump with Stanly Screen (get from Jerry Sparks) (2" x 1 1/2" x 16' RWBC) and steel rods from Brushy Fed. No. 1. ND BOP. NU WH. Space out pump. Move C160-119-120 pump-jack to Shugart "Apco" A No. 2 and move the C228 unit on that well to the Pecos Fed. No. 1-Y. The C228 will need to be modified to accept a gas engine while the C160 will need to be modified to accept an electric motor. Hang both wells on pump-jack. Production personnel will lower tubing in 10 days. Report rates to Midland office.

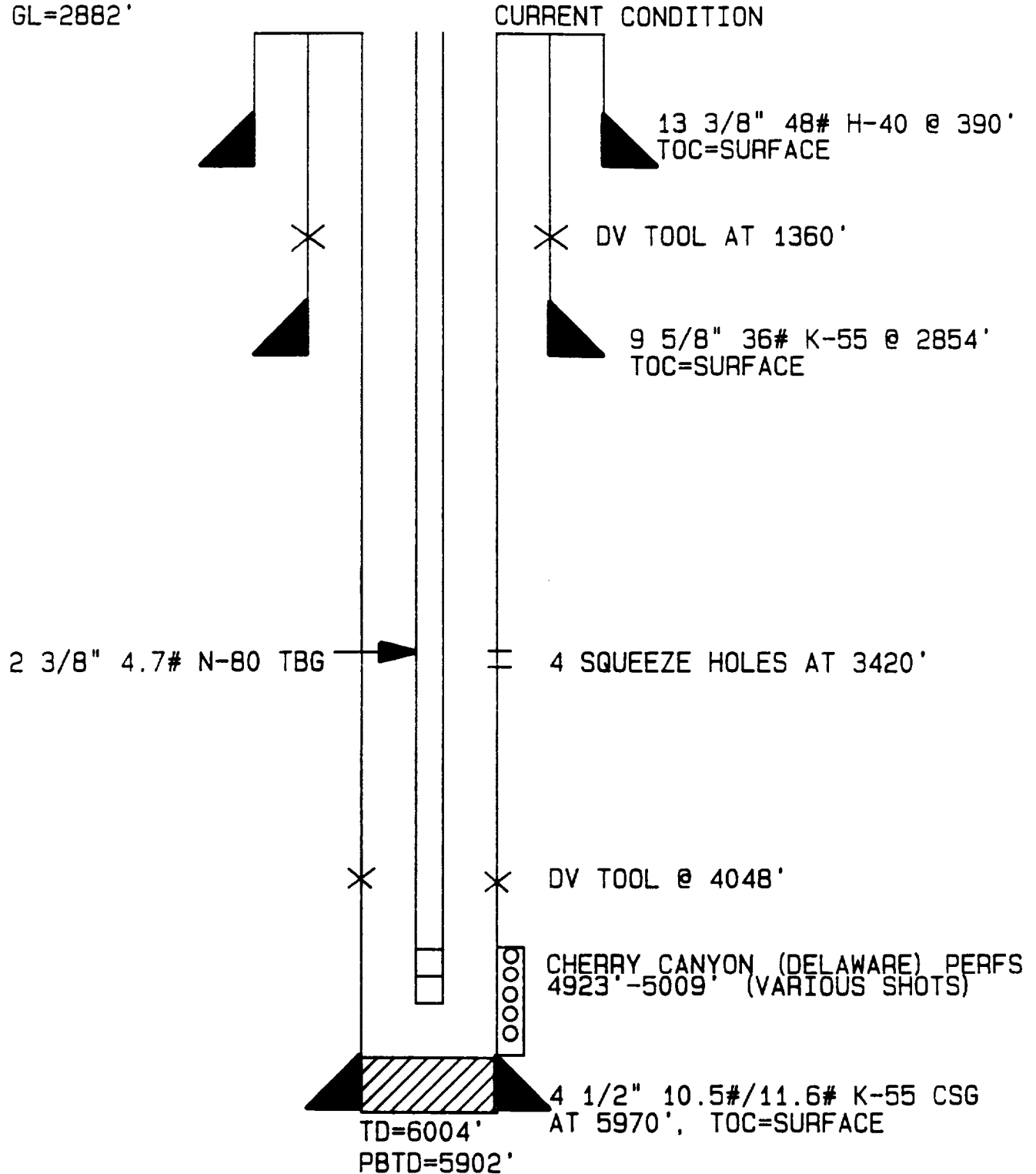
Approved: _____
T. J. Harrington

Date: _____

MERIDIAN OIL
PECOS FED. NO. 1-Y
BRUSHY DRAW (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO

KLM 10/7/90

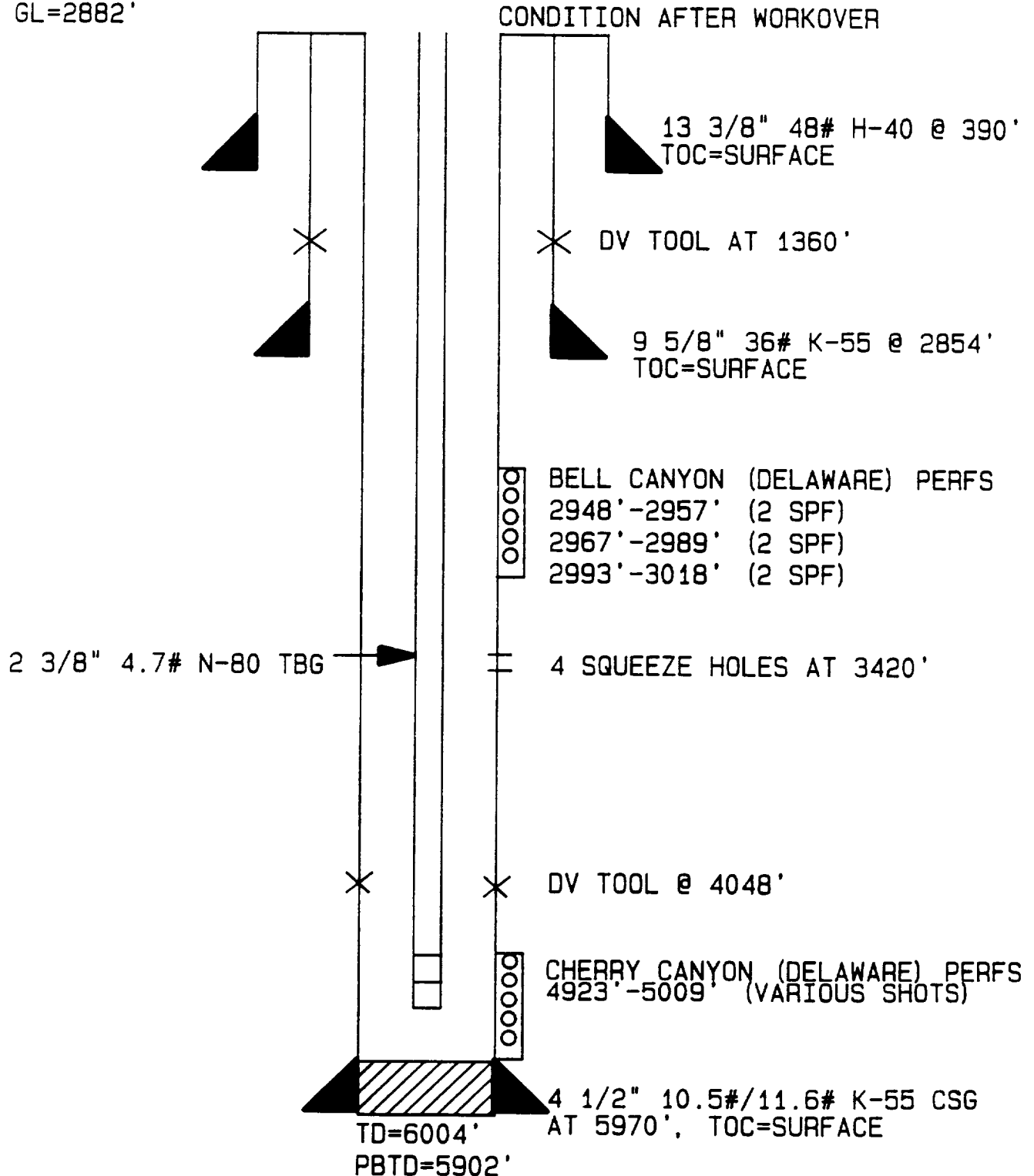
KB=2891'
GL=2882'



MERIDIAN OIL
 PECOS FED. NO. 1-Y
 BRUSHY DRAW (DELAWARE) FIELD
 EDDY COUNTY, NEW MEXICO

KLM 10/7/80

KB=2891'
 GL=2882'



Pecos Fed. No. 1-Y
Brushy Draw Field
Eddy County, New Mexico

MECHANICAL DATA

<u>Type Tubular:</u>	<u>OD</u> <u>(in)</u>	<u>ID</u> <u>(in)</u>	<u>Weight</u> <u>(#/ft)</u>	<u>Grade</u>	<u>Conn.</u>	<u>Depth</u> <u>(ft)</u>	<u>Collapse</u> <u>(psi)</u>	<u>Burst</u> <u>(psi)</u>	<u>Capacity</u> <u>(BPF)</u>	<u>TOC</u> <u>(ft)</u>
Surface Casing	13 3/8	12.715	48	H-40	---	390	770	1730	0.1570	Surf
Intermediate Casing	9 5/8	8.921	36	K-55	---	2854	2020	3520	0.0773	Surf
		DV Tool @ 1360'								
Production Casing	4 1/2	4.000	11.6	K-55	---	0-5610	4960	5350	0.0155	Sqz'd
	4 1/2	4.052	10.5	K-55	---	5610-5969	4010	4790	0.0159	to get
										TOC = Surf
Tubing	2 3/8	1.995	4.7	N-80	8rd EUE	5040	11780	11200	0.00387	---