

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS **RECEIVED**

(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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		DEC 10 '90	
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. 3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 760' FSL & 1980' 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.) 2868' 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 ☐

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. 3
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.
2. RIH with casing scraper to PBTD. POOH. RIH with treating packer to $\pm 4750'$. 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. With packer set, test annulus to 3500 psi. Release packer and POOH. (This step may be deleted based on water analysis).
3. Set CIBP at 4860'. RIH with 2 1/2" casing guns and perforate 2 SPF at 4804'-4820' (32 shots). POOH with wireline.
4. RIH with treating packer to $\pm 4700'$ and set packer. MIRU stimulation company. NU surface lines and test to 4000 psi. Breakdown perforations with 1000 gallons of 2% KCl water and 54 7/8" RCNBS (SP. Gr. = 1.3). Release packer and knock off balls. POOH.

Treatment Rate =	3.5 BPM
Anticipated Pressure =	1800 psi
Maximum Pressure =	3500 psi

5. Fracture stimulate Upper Cherry Canyon down casing with 15000 gallons of 35-lb x-linked borate gel and 50000 lbs of 12/20 mesh Ottawa Sand. Pump at 20 BPM.

Treatment Rate =	20 BPM
Anticipated Pressure =	1500 psi
Maximum Pressure =	3500 psi

<u>Stage</u>	<u>Fluid</u>	<u>ppg</u>	<u>Volume (Gal)</u>
Pad	35# x-link	0	5000
1	35# x-link	1-3 (Ramp)	2000
2	35# x-link	3-8 (Ramp)	7000
3	35# x-link	8	1000
Flush	Base Gel	0	3200

Shut well in overnight, then start to flow back.

6. RIH with bit and knock out CIBP. Clean out to PBTD. RIH with MA, PN, SN and tubing to 4750'. Run pump and rods and hang on pump-jack, include Stanly Screen on pump (get from Jerry Sparks). Production personnel will lower tubing in 10 days. Report rates to Midland office.

Approved: _____
T. J. Harrington

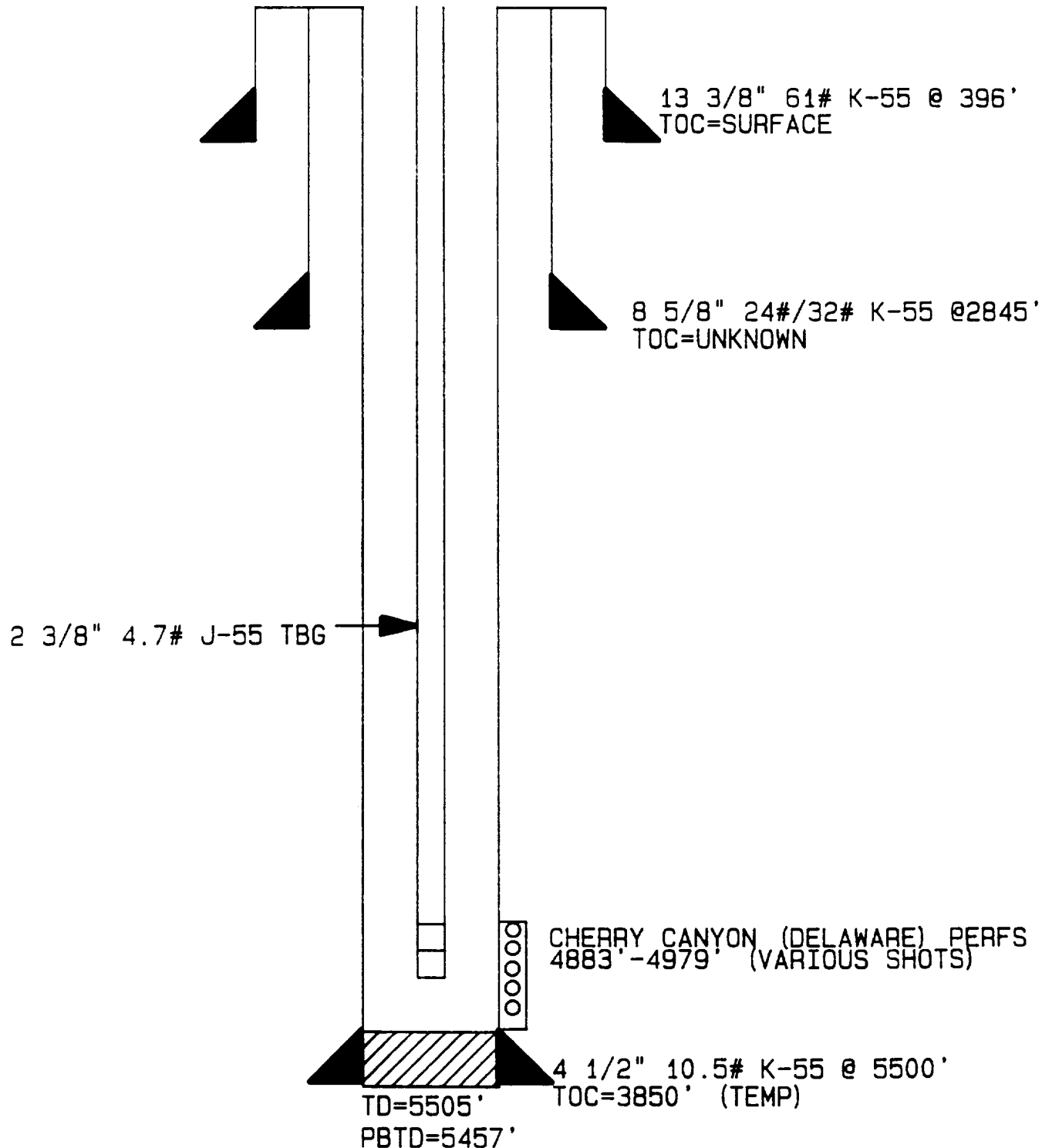
Date: _____

MERIDIAN OIL
PECOS FED. NO. 3
BRUSHY DRAW (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO

KLM 10/7/90

KB=2879'
GL=2868'

CURRENT CONDITION

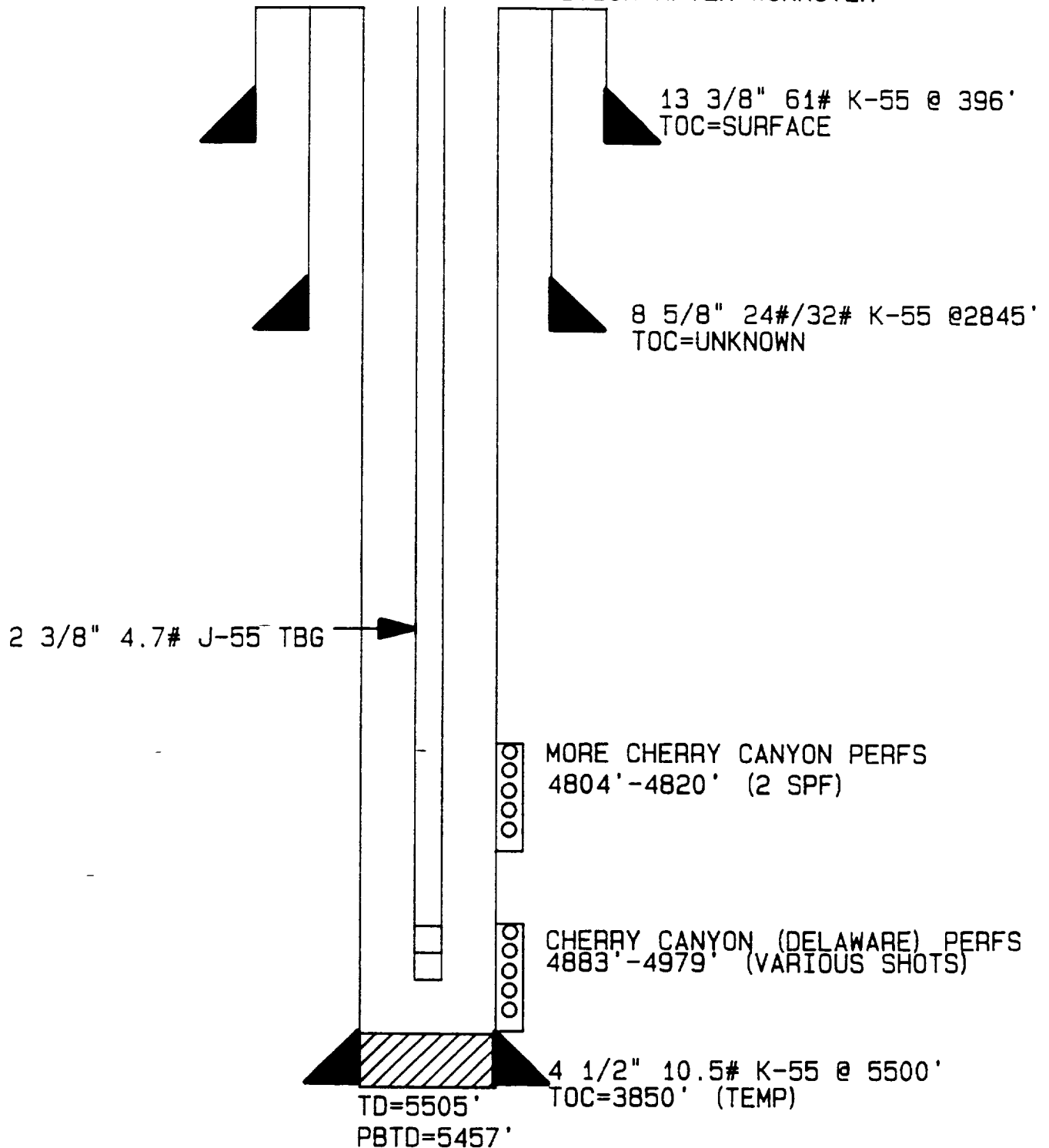


MERIDIAN OIL
PECOS FED. NO. 3
BRUSHY DRAW (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO

KLM 10/7/90

KB=2879'
GL=2868'

CONDITION AFTER WORKOVER



Pecos Fed. No. 3
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	12.415	61	K-55	--	396	1950	3450	0.1497	Surf
Intermediate Casing	8 5/8	8.097	24 & 32	K-55	--	2845	1370	2950	0.0636	Unknown
Production Casing	4 1/2	4.052	10.5	K-55	--	5500	4010	4790	0.0159	3850 (Temp)
Tubing	2 3/8	1.995	4.7	J-55	--	5145	8100	7700	0.00387	---