

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

clsf

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"/>		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. 4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 860' FSL & 2180' FWL		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.) 2869' 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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) Add More Delaware Pay <input checked="" type="checkbox"/>		(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).

RECEIVED
Dec 6 10 58 AM '90
CARTER
AREA

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

SIGNED <u>Robert C. Bradshaw</u>	TITLE <u>Sr. Staff Env./Reg. Spec.</u>	DATE <u>05 December 1990</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE <u>12-10-90</u>
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

Pecos Fed. No. 4
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 mixutre 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 4796'-4813' (34 shots). POOH with wireline.
4. RIH with treating packer to ± 4690 and set packer. MIRU stimulation company. NU surface lines and test to 4000 psi. Breakdown perforations with 1000 gallons of 2% KCl water (with scale inhibitor) and 54 7/8" RCNBS (Sp. Gr. = 1.3). Release packer and knock off balls. POOH.

Treatment Rate =	3.5 BPM
Anticipated Pressure =	2500 psi
Maximum Pressuer =	3500 psi

5. Fracture stimulate Upper Cherry Canyon down casing with 13000 gallons of 35 lb x-linked borate gel and 49000 lbs of 12/20 mesh Ottawa sand. Pump at 20 BPM

Treatment Rate =	20 BPM
Anticipated Pressure =	1000 psi
Maximum Pressure =	3500 psi

<u>Stage</u>	<u>Fluid</u>	<u>PPG</u>	<u>Volume (Gal)</u>
Pad	35# x-link	0	4500
1	35# x-link	1-8 (Ramp)	8500
Flush	Base Gel	0	3100

Shut well in for 6 hours, then start to flow back.

6. RIH with shoe and knock out CIBP. Clean out to PBTD. RIH with MA, PN, SN and tubing to 4750'. Run pump, stanly filter and rods and hang on pump-jack. Production personnel will lower tubing in 10 days. Report rates to Midland office.

Approved: _____
T. J. Harrington

Date: _____

**Pecos Fed. No. 4
Brushy Draw Field
Eddy County, New Mexico**

MECHANICAL DATA

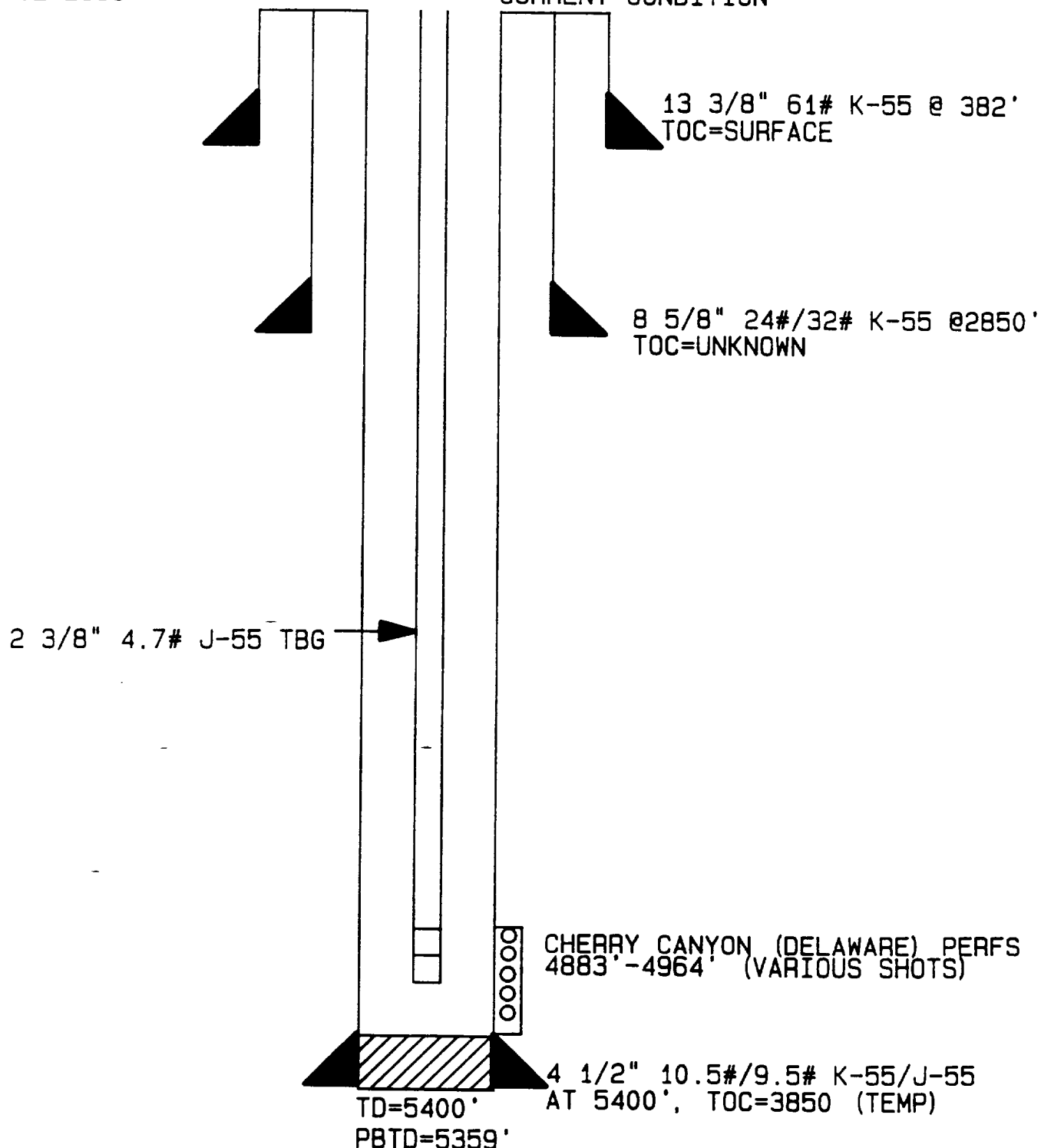
Type Tubular:	OD _____ (in)	ID _____ (in)	Weight (#/ft)	Grade	Conn.	Depth _____ (ft)	Collapse _____ (psi)	Burst _____ (psi)	Capacity _____ (BPF)	TOC _____ (ft)
Surface Casing	13 3/8	12.515	61	K-55	--	382	1540	3090	0.1521	Surf
Intermediate Casing	8 5/8	8.097	24 & 32	K-55	--	2850	1370	2950	0.0636	Unknown
Production Casing	4 1/2 4 1/2 4 1/2	4.052 4.090 4.052	10.5 9.5 10.5	K-55 J-55 K-55	-- -- --	0-8110 81-3677 3677-5400	4010 3310 4010	4790 4380 4790	.0159 .0162 .0159	3850 (Temp)
Tubing	2 3/8	1.995	4.7	J-55	8rd	4955	8100	7700	0.00387	----

MERIDIAN OIL
PECOS FEDERAL NO. 4
BRUSHY DRAW (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO

KLM 10/7/90

KB=2880'
GL=2869'

CURRENT CONDITION



1

MERIDIAN OIL
PECOS FEDERAL NO. 4
BRUSHY DRAW (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO

KLM 10/7/90

KB=2880'
GL=2869'

CONDITION AFTER WORKOVER

