

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

1a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	E-744

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG SALS TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

1. Name of Operator Marathon Oil Company	7. Unit Agreement Name Mescalero Escarpe Voluntary WI Unit
2. Address of Operator P. O. Box 552 Midland, TX 79702	8. Farm or Lease Name State E-744 "15"
3. Location of Well UNIT LETTER <u>I</u> <u>2086</u> FEET FROM THE <u>South</u> LINE AND <u>554</u> FEET FROM THE <u>East</u> LINE, SECTION <u>15</u> TOWNSHIP <u>18-S</u> RANGE <u>33-E</u> N.M.P.M.	9. Well No. 1
10. Field and Pool, or Wildcat S. Corbin Wolfcamp	11. County Lea
12. Elevation (Show whether DF, RT, GK, etc.) 3911.9 GR	

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	
		OTHER <u>Drilling Operations</u> ☒	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Drld 8 3/4" hole to 8866'. Tripped for bit & tested BOP equip. Tested pipe & blind rams, choke manifold, upper & lower kelly valves & TIW valve to 3000 psi. Tested Hydril, standpipe & mud line to 2000 psi. Cont'd drlg w/8 3/4" bit to 9665'. Ran DST #1 9454' - 9644'. Resumed drlg w/8 3/4" bit to 11,522'. Logged well as follows: DIL/LSS (TD - surface), DLL/MSFL/GR (TD - 8300'), FDL/CNL/GR w/Spectro Log (TD - 3100'). Attempted to run DST #2 11,174' - 11,270' - pkr seat failed. Changed out rams to 5 1/2" & ran 366 jts 5 1/2". 17# & 15.5#, N-80 & K-55, LT&C csg to 11,403' w/stage tool @ 9605'. Cmt'd 1st stage w/175 sx Class "H" Lite, tailed in w/250 sx Class "H". Dropped bomb & shifted stage tool, circ'd 4 hrs w/rig pumps, did not circ cmt. Cmt'd 2nd stage w/1670 sx Class "H" Lite, tailed in w/480 sx Class "H". Bumped plug w/4200 psi. CIP @ 3:30 p.m. 6/2/89. ND BOP's, set 5 1/2" slips, NU 11" x 7 1/16" 3M tbg spool w/blind flange. Tested seals to 2500 psi. Waiting on completion unit. See attached sheet for DST #1 data.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Drilling Superintendent DATE 6/6/89
Orig. Signed by Paul Kautz Geologist
APPROVED BY _____ DATE _____

JUN 9 1989

CONDITIONS OF APPROVAL, IF ANY:

FLOPETROL JOHNSTON
Schlumberger

FIELD REPORT
IS-537-A

TYPE OF SERVICE

OH DST. J306

DATE _____

5/19/69

DISTRICT

3442

WELL OWNER: MARATHON

SERVICE ORDER NUMBER:

REPORTS ADDRESS: PO Box 552 MIDLAND, TEXAS 79702

WELL NAME & NO.: STATE E 744-15 #1

FIELD: SOUTH CAROLINA WOLF/FLAME RELEASE:

LOCATION: SEC 15 T 18S R 33E

COUNTY: LEA

STATE: N.M.

☒ ONSHORE ☐ OFFSHORE ☐ INLAND WATERS

WILDCAT

☒ DEVELOPMENT

☐ PRODUCTION

TEST NO. 1 TEST INTERVAL FROM 9455

FT TO 96 45

FT. 190' FT.

F

SURFACE DATA

EQUIPMENT SEQUENCE

DESCRIPTION	DATE	TIME OF DAY	PRESS PSIG	SURFACE CHOKE	PRESS IN-H ₂ O	COMPONENTS	SERIAL#	OD	ID	LENGTH	DEPTH
SET PACKER	5/20	0517	0	BH.		CONTROL HEAD	434	2"	2 1/2		
OPENED TOOL VERY WEAK BLOW	5/20	0518	0	BH		CROSSOVER SUB	614	2 1/2	1		
1" DEEP IN BUCKET		0522	0	BH		DRILL PIPE	6 1/4	3.516	8773		
		0522	0	BH		DRILL COLLARS	6 1/4	2 1/4	541.	8748	
CLOSED FOR INITIAL SHUT-IN (N ₂)	5/20	0522	0	B.H.		REVCIR SUB	6"	3 1/4	1.18	9289	
						DRILL COLLARS	6"	2 1/4	120.	9290	
FINISHED SHUT-IN	5/20	0700	0			CROSSOVER SUB	6 1/4	2 1/4	1.02	9410	
RE-OPENED TOOL 3 to 4 BUBBLES	5/20	0701	0	BH		MFE	5 3/4	1 1/4	9.98	9411	
No Blow For 45 min.		0746	0			BYPASS	5"	1 1/8	3.25	9421	
Slight Blow. Slowly Increase	ASMG.	0750	2 ⁰²	BH.		RECORDER	434	1 1/8	7.75	9424	
		0755	2 ⁰²			JAR	434	1 7/8	8.56	9432	
		0800	3 ⁰²			SAFETY/JNT	434	2"	1.97	9440	
		0805	4 ⁰²			PACKER	8"	1 1/2	6.25	9448	
		0810	5 ⁰²			PACKER	8"	1 1/2	6.35	9454	
		0815	5 ⁰²			PERF	534	3.	10.00	9465	
		0820	6 ⁰²			RECORDER 1706	534	1 1/8	6.30	9465	
		0825	7 ⁰²			CROSSOVER SUB	6 1/4	2 3/4	.65	9480	
		0830	8 ⁰²			DRILL COLLARS	6 1/2	2 1/4	148.92	9482	
		0835	9 ⁰²			CROSSOVER SUB	6 1/4	2 1/4	1.00	9621	
		0845	11 ⁰²			PERF	534	3.	15.02	9622	
		0850	12 ⁰²			RECORDER 2217	534	1 1/8	6.91	9637	
		0855	13 ⁰²								
		0800									
CLOSED FOR FINAL SHUT-IN	5/20	0900	13 ⁰²								
FINISHED SHUT-IN	5/20	1500	0								
PULLED PACKER LOOSE	5/20	1505	0								

CUSHION TYPE	LENGTH	AMOUNT	SURFACE PRESS	TEST TOOL PRESS	BOT. CHOKE SIZE	WELL BORE DATA			
NCWE					15/16	FORMATION TESTED BONE SPRINGS			
SAMPLER DATA						NET PRODUCTIVE INTERVAL ft EST. POROSITY %			
RECOVERY		RESISTIVITY		CHL CONTENT		ELEVATION 368562, 3700 KB ft DEPTH MEASURED FROM KB			
.1R	CU. FT. GAS	RECOVERED WATER 3 @ 75 °F		1600 PPM		TOTAL MEASURED DEPTH 9645 ft TRUE VERT DEPTH ft			
300	C.C. OIL	RECOVERED MUD @ °F				O H SIZE 8 3/4" in			
1050	C.C. WATER	REC. MUD FILTRATE @ °F		PPM		CASING SIZE 9 5/8 9099 in CASING WT. #/ft			
5000	C.C. MUD	PIT MUD @ °F				LINER SIZE in LINER WT. #/ft			
GRAVITY	°API °F	PIT MUD FILTRATE 35 @ 75 °F		1300 PPM		PERF INTERVAL FROM ft TO ft = ft			
G O R	CU. FT/BBL	SAMPLER PRESSURE 65#				SHOT DENSITY spf PERF DIAMETER in			
INSTRUMENT DATA						TOTAL SHOTS OVER/UNDER BALANCE PRESS psi			

INSTRUMENT DATA						TOTAL SHOTS	OVER/UNDER BALANCE PRESS	psi		
INSTRUMENT NO.	J 2217		J 1706			MUD DATA				
CAPACITY	6400		6400			MUD TYPE	FRESH WATER Polymer	MUD WT	8.6	#/gal
DEPTH	9637		9465			VISCOSITY	~28	WATER LOSS	2.6	CC
INSIDE-OUTSIDE	FIN OUT		B4 FIN			RESISTIVITY: OF MUD	3.5	@ 75 °F		
CLOCK CAP	48 HR		46 HR			: OF FILTRATE		@ °F		
TEMPERATURE °F			136			CHORIDES	1300	PPM	NITRATES	PPM
I. HYD. P.S.I.G.			4231			H ₂ S DURING TEST		PPM		
I. FLOW P.S.I.G.			53-53			REMARKS:				
I.S.I P.S.I.G.	2600		3904							
2nd FLOW P.S.I.G.	STOPPED		0							
2nd S.I. P.S.I.G.										
F. FLOW P.S.I.G.			53-104							
F.S.I. P.S.I.G.			3904							
F. HYD. P.S.I.G.			4210							

[illegible]

REVERSED OUT: TIME STARTED

TIME FINISHED

PUMP PRESSURE

PSIG

SERVICE ORDER NUMBER:

115699

FLOPETROL JOHNSTON ENGINEER/TECHNICIAN (PRINT)

GARY D. Brooks