

OIL CONSERVATION DIVISION

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

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

RECEIVED

FEB 22 '88

Meridian Oil Inc. ✓

Address
21 Desta Drive, Midland, Texas 79705

O. C. D.

ADDRESS OFFICE

Reason(s) for filing (Check proper box)

New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Culwin "35" Federal	Well No. 1	Pool Name, including Formation Shugart (Y,SR,Q,G)	Kind of Lease State, Federal or Fee Federal NM	Lease No. 56542
Location Unit Letter <u>I</u> ; <u>1855</u> Feet From The <u>South</u> Line and <u>635</u> Feet From The <u>East</u> Line of Section <u>35</u> Township <u>18S</u> Range <u>30E</u> , NMPM, <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Texaco Trading & Transportation	Address (Give address to which approved copy of this form is to be sent) Box 6196, Midland, Texas 79711
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit <u>I</u> Sec. <u>35</u> Twp. <u>18S</u> Rge. <u>30E</u> Is gas actually connected? <input type="checkbox"/> When

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/> Gas well <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Same Restoration <input type="checkbox"/>		
Date Spudded 7-29-87	Date Compl. Ready to Prod. 12-23-87	Total Depth 3450'	F.B.T.D. 3100'
Elevations (DF, RAB, RT, GR, etc.) 3475.1' GR	Name of Producing Formation Seven Rivers	Top Oil/Gas Pay 2350'	Tubing Depth 2366'
Perforations 2350-2480'	Depth Casing Shoe -		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4"	8 5/8"	526'	350 sx. <u>Part TD 2</u>
7 7/8"	5 1/2"	3450'	1050 sx. <u>2-26-88</u>
	2 3/8"	2366'	<u>comp. 1-11-88</u>

V. TEST DATA AND REQUEST FOR ALLOWABLE
OIL WELL

(Test must be after recovery of total volume of lead oil and must be equal to or exceed top of
able for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 12-23-87	Date of Test 2-16-88	Producing Method (Pump, pump, gas lift, etc.) Pump	
Length of Test 24 hours	Tubing Pressure -	Casing Pressure -	Choke Size -
Actual Prod. During Test 10 BO	Oil-Bbls. 10	Water-Bbls. 7	Gas-MCF -

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (prior, back pr.)	Tubing Pressure (shot-in)	Casing Pressure (shot-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation
Division have been complied with and that the information given
above is true and complete to the best of my knowledge and belief.

Cathy Nobles
(Signature)

Operations Tech III

2/17/88

(Date)

OIL CONSERVATION DIVISION

FEB 23 1988

APPROVED _____, 19

Signed By
Mike Williams

TITLE
Oil & Gas Inspector

This form is to be filed in compliance with RULE 110.

If this is a request for allowable for a newly drilled or deepened
well, this form must be accompanied by a tabulation of the deviate
tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all
able on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of own
well name or number, or transporter or other such change of condition.
Separate Form C-104 must be filed for each pool in multi-

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN

LICATE*

(See other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		2. NAME OF OPERATOR Meridian Oil Inc.		3. ADDRESS OF OPERATOR 21 Desta Drive, Midland, Texas 79705		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1855' FSL & 635' FEL, Sec. 35, T-18-S, R-30-E At top prod. interval reported below At total depth		5. LEASE DESIGNATION AND SERIAL NO. NM-56542		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. FARM OR LEASE NAME Culwin "35" Federal		8. WELL NO. 1		9. FIELD AND POOL, OR CENSUS Shugart (Y,SR,Q,G)		10. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 35, T-18-S, R-30-E		11. COUNTY OR PARISH Eddy		12. STATE N.M.			
15. DATE SPUDDED 7-29-87		16. DATE T.D. REACHED 8-4-87		17. DATE FIRST PROD. (Ready to prod.) 12-23-87		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3475.1' GR		19. ELEV. CASINGHEAD -		20. TOTAL DEPTH, MD & TVD 3450'		21. PLUG. BACK T.D., MD & TVD 3100'		22. IF MULTIPLE COMPLEMENTS, HOW MANY? 1		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2350-2480' Seven Rivers		25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN Comp Density/Comp Neutron		27. WAS WELL CORED No	
29. CASING RECORD (Report all strings set in well)																									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD								AMOUNT PULLED									
8 5/8"		24#		526'		12 1/4"		350 sx. C1 "C"								Circ.									
5 1/2"		15.5#		3450'		7 7/8"		750 sx. Pace-setter Lite								"C" &									
								300 sx. C1 "C"								Circ.									
30. LINER RECORD																									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)											
										2 3/8"		2366'		SN @ 2350'											
31. PERFORATION RECORD (Interval, size and number)																									
3394-3414' (41 holes) 3274-3290' (33 holes) 3156-70' (29 holes) CIBP @ 3100' 2470-80' (22 holes) 2350-2402' (22 holes)																									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																									
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																							
2350-2480'		Acidz w/3000 gals. Frac w/68,000 gals & 108,500# 12/20 sand																							
33. PRODUCTION																									
DATE FIRST PRODUCTION 12-23-87		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump 2" x 1 1/2" x 21"												WELL STATUS (Producing or shut-in) Shut in											
DATE OF TEST 2-16-88		HOURS TESTED 24		CHOKE SIZE -		PROD'N. FOR TEST PERIOD 1040		OIL—BBL. -		GAS—MCF. -		WATER—BBL. 7		GAS-OIL RATIO -											
FLOW, TUBING PRESS. -		CASING PRESSURE -		CALCULATED 24-HOUR RATE 1040		OIL—BBL. -		GAS—MCF. -		WATER—BBL. 7		OIL GRAVITY-API (CORR.) 34													
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) NA																									
35. LIST OF ATTACHMENTS C-104, C-102, Inclination Survey. (Will send logs when received).																									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																									
SIGNED Cathy Robles		TITLE Operations Tech III												DATE 2/17/88											

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
	0	475'	Red Siltstone, Sandstone & shale			
	475	1765	Anhydrite, Salt & Sandstone			
	1765	2340	Anhydrite, Dolomite & Siltstone			
	2340	2580	Siltstone, Sandstone, Anhydrite & Dolomite			
	2580	3035	Siltstone, Sandstone & Dolomite			
	3035	3450	Dolomite & Sandstone			

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C. C. D.
ARTESIA, OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

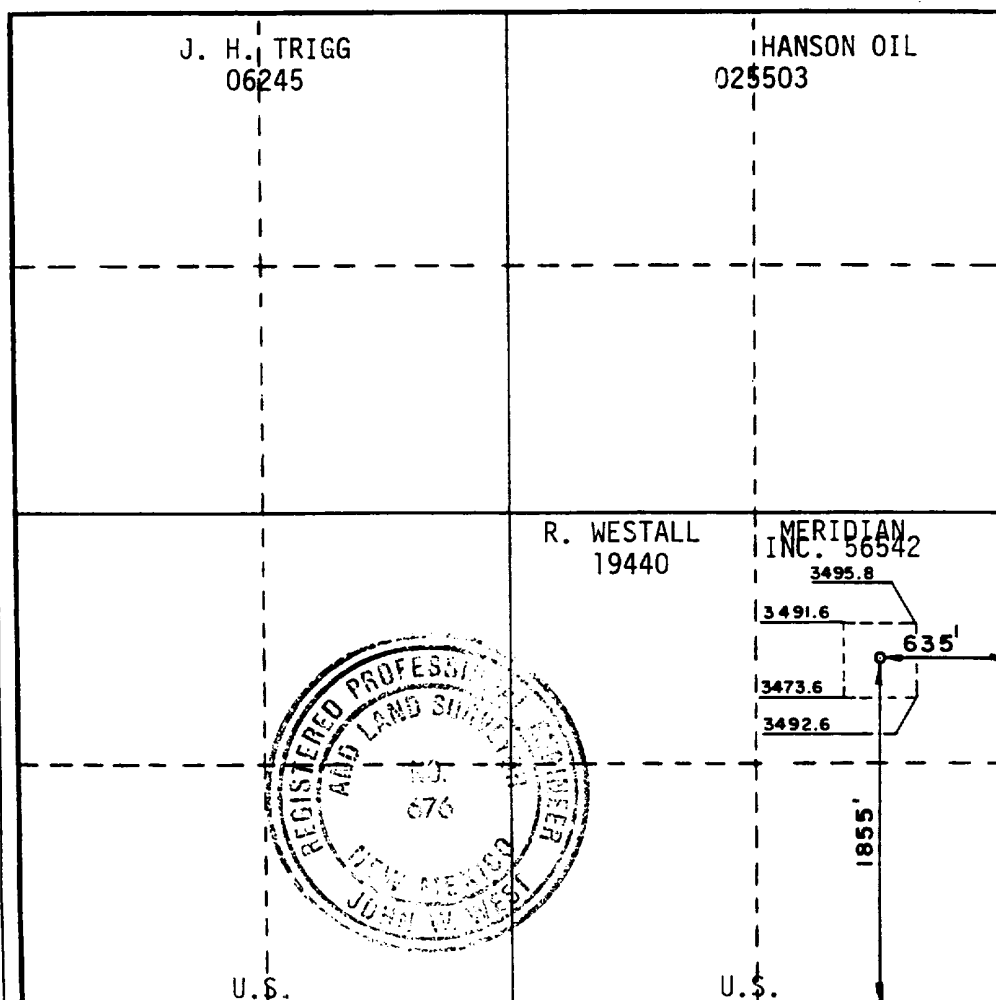
Operator MERIDIAN OIL CO.		Lease CULWIN 35 FEDERAL		Well No. 1	
Unit Letter I	Section 35	Township 18 S	Range 30 E	County EDDY	
Actual Footage Location of Well: 1855 feet from the SOUTH line and 635 feet from the EAST line					
Ground Level Elev. 3475.1	Producing Formation Y-SR-Q-GB		Pool Shugart		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Cathy Nokes

Name
Cathy Nokes

Position
Engineering Tech III

Company
Meridian Oil Inc.

Date
12/8/86

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
DECEMBER 5, 1986

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

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C. C. D.
ARTESIA OFFICE

INCLINATION REPORT

OPERATOR: Meridian Oil Inc.

ADDRESS: 21 Desta Drive
Midland, Texas 79705

LEASE NAME: Culwin 35 Federal WELL#: 1

FIELD: Shugart Y-3R-D-9

LOCATION: Eddy County, New Mexico

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	Accumulative Displacement
150 *	0.75	1.31 *	1.9650
526 *	2.00	3.49 *	15.0874
613 *	1.25	2.18 *	16.9840
858 *	1.25	2.18 *	22.3250
1081 *	1.00	1.75 *	26.2275
1353 *	0.75	1.31 *	29.7907
1602 *	0.75	1.31 *	33.0526
2010 *	1.00	1.75 *	40.1926
2218 *	1.00	1.75 *	43.8326
2691 *	0.75	1.31 *	50.0289
2964 *	1.25	2.18 *	55.9803
3450 *	0.75	1.31 *	62.3469

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

Rebecca Edwards

TITLE: DRILLING SECRETARY

AFFIDAVIT:

Before me, the undersigned authority, appeared Rebecca Edwards known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that she is acting for and in behalf of the Operator of the well identified above, and that to the best of her knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Rosemarie McCollum
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this 14th day of August, 19 87.

Dana West
Notary Public in and for
the County of Midland,
State of Texas.

SEAL

My Commission Expires: 7-19-89