

P.O. Box 1040, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Alamogordo, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artes, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Operator MERIDIAN OIL INC.		Well APN No.
Address P. O. Box 4289, Farmington, New Mexico 87499		
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)		
New Well ☐	Change in Transporter of: ☐ Dry Gas ☐	
Recompletion ☐	Oil ☐ Condensate ☐	
Change in Operator ☒	Casinghead Gas ☐	
If change of operator give name and address of previous operator Union Texas Petroleum Corporation, P. O. Box 2120, Houston, TX 77252-2120		

II. DESCRIPTION OF WELL AND LEASE

Lease Name JICARILLA "H"	Well No. 12"	Pool Name, including Formation BASIN DAKOTA	Kind of Lease State, Federal or Fee	Lease No. 6103
Location				
Unit Letter I	Feet From The 1100	Line and 190	Feet From The 1	Line
Section 17	Township 25N	Range 04W	NMPM, RIO ARRIBA County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Meridian Oil Inc.	P. O. Box 4289, Farmington, NM 87499
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
Gas Company of New Mexico	P. O. Box 1899, Bloomfield, NM 87413
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rgn. Is gas actually connected? 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	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations			Depth Casing Shoe					
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)		
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.

GAS WELL

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

VI. OPERATOR 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.

Signature Leslie Kahwaj
Leslie Kahwaj Prod. Serv. Supervisor
 Printed Name
 Date 6/15/90 Telephone No. (505) 326-9700

OIL CONSERVATION DIVISION

Date Approved JUL 03 1990
 By [Signature]
 Title SUPERVISOR DISTRICT 13

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

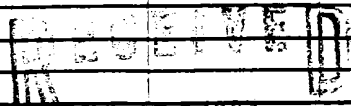


LTR



Job separation sheet

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: ☒ Initial ☐ Annual ☐ Special		Test Date: 2/4/87																																																																																		
Company: Union Texas Petroleum Corp.		Connection: Gas Company of New Mexico																																																																																		
Pool: Blanco/Wild Horse/Basin		Formation: Mesaverde/Gallup/Dakota																																																																																		
Completion Date: 12/18/86	Total Depth: 7850	Plug back TD: 7800	Elevation: 6702 G.L.																																																																																	
Form or Lease Name: Jicarilla "H"		Well No. 12M																																																																																		
Csg. Size: 4.50	Wt. 23.0	d 6.366	Set At 3700																																																																																	
Perforations: From 5002 To 7729		Well No. 12M																																																																																		
Tub. Size: 2.375	Wt. 4.7	d 1.995	Set At 7686																																																																																	
Perforations: From 7654 To 7660		Unit Sec. Twp. Rge. I 17 26N 4W																																																																																		
Type Well - Single - Broadhead - G.C. or G.C. Multiple: Gas-Oil-Gas-Multiple		Packer Set At																																																																																		
County: Rio Arriba		State: New Mexico																																																																																		
Producing Thru Tubing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. - P _g																																																																																	
7654	0.690		12																																																																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4">FLOW DATA</th> <th colspan="2">TUBING DATA</th> <th colspan="2">CASING DATA</th> <th>Duration of Flow</th> </tr> <tr> <th>NO.</th> <th>Prover Line Size</th> <th>X</th> <th>Orifice Size</th> <th>Press. p.s.i.g.</th> <th>Diff. h_w</th> <th>Temp. °F</th> <th>Press. p.s.i.g.</th> <th>Temp. °F</th> <th>Press. p.s.i.g.</th> <th>Temp. °F</th> <th>Duration of Flow</th> </tr> <tr> <td>1</td> <td>2"</td> <td></td> <td>3/4"</td> <td></td> <td></td> <td></td> <td>626</td> <td></td> <td>563</td> <td></td> <td>7 days</td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>85</td> <td>62°</td> <td>490</td> <td>62°</td> <td>3 hours</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				FLOW DATA				TUBING DATA		CASING DATA		Duration of Flow	NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow	1	2"		3/4"				626		563		7 days	2							85	62°	490	62°	3 hours	3												4												5											
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RATE OF FLOW CALCULATIONS																																																																																				
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _L	Gravity Factor F _g	Super Compress. Factor F _{pv}	Rate of Flow Q, Mcfd																																																																													
1	12.3650		97	0.9981	0.9325	1.007	1124																																																																													
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NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R																																																																															
1					 FEB 09 1987 OIL CON. DIV. DIST. X																																																																															
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P _c 638 P _c ² 407,044 (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.6254$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.0624$																																																																																				
NO.	P _w	P _w ²	P _w ² - P _c ²																																																																																	
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AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2318$																																																																																				
Absolute Open Flow 2318					Mcf @ 15.025		Slope, n 0.75																																																																													
Remarks:																																																																																				
Approved By Division		Conducted By: Bruce Voiles		Calculated By: John C. Rector		Checked By:																																																																														