

Rec: 3/14/96 Susp: 4/3/96 Released 4/10/96

Meridian Oil, Inc. Attention: Peggy Bradfield P.O. Box 4289 Farmington, New Mexico 87499-4289

Administrative Order NSL-2382-A

Dear Ms. Bradfield:

Reference is made to your application dated March 13, 1996 for a non-standard coal gas well location within the Cedar Hill-Fruitland Basal Coal (Gas) Pool [not the Basin Dakota Coal (Gas) Pool as referenced in said application] for your existing Payne Well No. 11 (API No. 30-045-26804), which was originally drilled in September, 1987 and completed in the Basin-Dakota Pool at a previously approved non-standard gas well location (see Division Administrative Order NSL-2382, dated August 24, 1987) 590 feet from the North line and 810 feet from the East line (Lot 1/Unit A) of Section 27, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico.

It is our understanding that the Basin-Dakota interval will be properly plugged back at this time and recompleted up-hole to the Cedar Hill-Fruitland Basal Coal (Gas) Pool, which pursuant to the "Special Rules and Regulations for the Cedar Hill-Fruitland Basal Coal (Gas) Pool", as promulgated by Division Order No. R-7588, as amended, is unorthodox.

By the authority granted me under the provisions of **Rule 4** of said Order No. R-7588, as amended, the above-described unorthodox coal gas well location is hereby approved.

Further, Lots 1 through 8 (E/2 equivalent) of said Section 27 shall be dedicated to the well to form a standard 305.02-acre gas spacing and proration unit for said pool.

Said original Division Administrative Order NSL-2382, as amended on May 22, 1990 [which order also approved this location within the Cedar Hill-Fruitland Basal Coal (Gas) Pool], shall be placed in abeyance until further notice.

Sincerely,

Administrative Order NSL-2382-A Meridian Oil, Inc. April 10, 1996 Page 2

William J. LeMay Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec

US Bureau of Land Management - Farmington

Williams Production Company (Attn: M. Vern Hansen) - Tulsa, Oklahoma

File: NSL-2382

Rand Carroll, General Counsel - OCD, Santa Fe

GIL CONSERVE ON DIVISION RECEIVED

April 4, 1996

196 APR 8 AM 8 52

Mr. Michael Stogner New Mexico Oil Conservation Commission 2040 Pacheco Street Santa Fe, New Mexico 87505

Re:

Application for Non-Standard Location

Payne #11, API #30-045-26804

590' FNL & 810' FEL, Sec.27, T32N, R10W

San Juan County New Mexico

Gentlemen:

Williams Production Company received Meridian Oil's waiver for a non-standard gas well location in the Basin Fruitland Coal for the referenced well.

Williams opposes the non-standard location. Meridian has proposed to drill the Payne #221 Fruitland Coal well in the NE/4 of Sec.22,T32N,R10W, and current spacing rules will not allow a well to be drilled in the SE/4 of Section 22,T32N,R10W to protect our acreage from drainage from the proposed Payne #11 well.

Sincerely yours,

Senior Landman

cc: Bryan Guderian

M. J. Turnbaugh

January 17, 1995

Williams Production Company P. O. Box 3102 Tulsa, Oklahoma 74101

Attention: M. Vern Hansen

RE: Administrative application of Meridian Oil, Inc. for an unorthodox coal gas well location within the Cedar Hill-Fruitland Basal Coal (Gas) Pool [not the Basin Dakota Coal (Gas) Pool as referenced in said application] for its existing Payne Well No. 11 (API No. 30-045-26804), which was originally drilled in September, 1987 and completed in the Basin-Dakota Pool at a previously approved nonstandard gas well location (see Division Administrative Order NSL-2382, dated August 24, 1987) 590 feet from the North line and 810 feet from the East line (Lot 1/Unit A) of Section 27, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico.

Dear Mr. Hansen:

The subject application was filed with the Division on March 14, 1996, your letter of objection dated April 4, 1996 (see copy attached) was received by the Division on April 8, 1996, or 25 calendar days after the official filing date of the Meridian application. Pursuant to **Rule** 5 the "Special Rules and Regulations for the Cedar Hill-Fruitland Basal Coal (Gas) Pool", as promulgated by Division Order No. R-7588, as amended:

"The Division Director may approve the application upon receipt of written waivers from all offset operators offsetting the proration unit or if no objection to the unorthodox location has been entered within 20 days after the Director has received the application."

Your objection was received too late for the Division to take any action in either delaying or denying Meridian's request. An order approving this application is being processed at this time and will be forthcoming.

Should Williams Production Company wish to pursue this matter further, an application to rescind this order through the Examiner's hearing process can be filed by William Production Company as the applicant.

Sincerely,

Michael E. Stogner

Chief Hearing Officer/Engineer

WJL/MES/kv

cc: Oil Conservation Division - Aztec

U.S. Bureau of Land Management - Farmington

Meridian Oil, Inc. (Attn: Peggy Bradfield) - Farmington, NM

W. Thomas Kellahin - Santa Fe

William J. LeMay - OCD Director, Santa Fe

Rand Carroll, General Counsel - OCD, Santa Fe

File: NSL-2382

NSL-2382-A

OIL CONSERVE ON DIVISION RECEIVED

April 4, 1996

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Mr. Michael Stogner New Mexico Oil Conservation Commission 2040 Pacheco Street Santa Fe, New Mexico 87505

Re:

Application for Non-Standard Location

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Sincerely yours,

Senior Landman

cc: Bryan Guderian

M. J. Turnbaugh

Mike Stogner

From:

To: Subject: Ernie Busch Mike Stogner MERIDIAN OIL INC(NSL) Monday, March 25, 1996 8:29AM

Date:

Priority:

High

PAYNE #11 A-27-32N-10W 590'FNL;810'FEL

RECOMMEND: APPROVAL



March 13, 1996

Federal Express

Mr. Michael Stogner New Mexico Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505



Re:

Payne #11

590'FNL, 810'FEL, Section 27, T-32-N, R-10-W, San Juan County, NM

API #30-045-26804

Dear Mr. Stogner:

This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Coal pool. Order NSL-2382 was issued for the non-standard location in the Basin Dakota pool.

Meridian Oil Inc. is planning to plug back the Dakota pool and recomplete the Payne #11 in the Basin Fruitland Coal pool. This well in the northeast quarter is considered off pattern for the Fruitland Coal. To comply with the New Mexico Oil Conservation Division rules, Meridian is submitting the following for your approval of this non-standard location:

- 1. C-102 plat showing location of the well;
- 2. Plat showing offset owners/operators;
- 3. Affidavit of notification of offset owners/operators;
- 4. Copy of Well Completion Log for original completion.

A copy of this application is being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Sincerely yours,

January State Luck
Peggy Bradfield
Regulatory/Compliance Administrator

WAIVER

	hereb	y waives obje	ction to Meridiar	n Oil Inc.'s a	pplication 1	or non-
stand	ard location for the Payne	#11 as propos	sed above.			
By:		Date:				
xc:	Phillips Petroleum					
	Williams Production					

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerais & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

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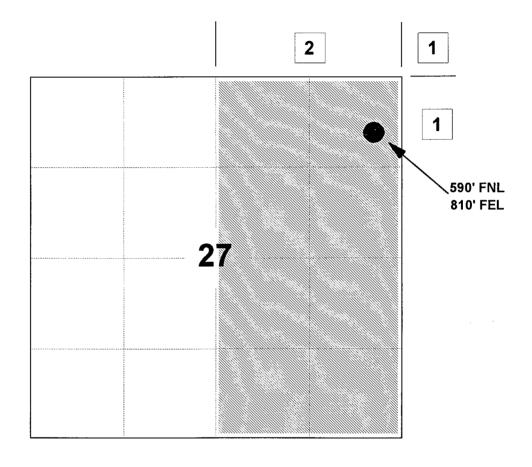
MERIDIAN OIL INC

PAYNE #11

OFFSET OPERATOR \ OWNER PLAT

Unorthodox Fruitland Coal Formation Well Location

Township 32 North, Range 10 West



1) Meridian Oil Inc.	
1) Meridian Oil Inc. &	
Phillips Petroleum Corporation	5525 Hwy. 64, NBU 3004, Farmington, NM 87401
Williams Production Company	P.O. Box 3102, Mailstop 37-4, Tulsa, OK 74101
	//////////////////////////////////////
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Re:

Payne #11

590'FNL, 810'FEL, Section 27, T-32-N, R-10-W, San Juan County, NM API #30-045-26804

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard well location of the above well.

Phillips Petroleum Corporation 5525 Highway 64, NBU 3004 Farmington, NM 87401

Williams Production Company PO Box 3102 Mailstop 37-4 Tulsa, OK 74101

Peggy Bradfield

Regulatory/Compliance Administrator

Mapued

Form 3150-4 (Nevember 1983) (formerly 9-330)

UN ED STATES SUBMIT DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPL



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

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04/10/96 08:27:41 OGOMES -EMFH

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CMD : OG6IWCM

ONGARD INQUIRE WELL COMPLETIONS

04/10/96 08:29:01 OGOMES -EMFH

API Well No : 30 45 26804 Eff Date : 01-14-1991 WC Status : S

Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)

OGRID Idn : 14538 MERIDIAN OIL INC

Prop Idn : 7379 PAYNE

Well No : 011 GL Elevation: 6898

U/L Sec Township Range North/South East/West Prop/Act(P/A)

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B.H. Locn : 1 27 32N 10W FTG 590 F N FTG 810 F E P

Lot Identifier:

Dedicated Acre: 305.02

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : OG5SECT

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04/10/96 08:27:32 OGOMES -EMFH

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Submitted in lieu of Forms \$160-5 UNITED STATES	-,	
DEPARTMENT OF THE INTERIOR RECEIVED BETTER OF LAND MANAGEMENT BUT MARL 9	J Nam	
TOR MAY 24 HM 8 32		
Sundry Notices and Reports on Wells 20 11	11:55	(
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1. Type of Well	6.	If Indian, All.
GAS		Tribe Name
·	7.	Unit Agreement
2. Name of Operator		
MERIDIAN OIL	8.	Well Name & Num
3. Address & Phone No. of Operator		Payne #11
PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	API Well No. 30-045-26804
4. Location of Well, Footage, Sec., T, R, M	10.	Field and Pool
590'FNL, 810'FEL, Sec.27, T-32-N, R-10-W, NMPM		Basin Fruitland Basin Dakota
	11.	County and Stat
		San Juan Co, NM
Final Abandonment Casing Repair Altering Casing Convers X Other - Plug and abandon Da Convers X The is intended to plug back and sidetrack the subject well	nstruc utine Shut o sion t akota	tion Fracturing ff o Injection he Fruitland Coal
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HOLE C-104,000-

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III

State of New Mexico

Form C-1 Revised February 21, 19 Instructions on ba

OIL CONSERVATION DIVISIONEDERY Submit to Appropriate District Offi Santa Fe, NM 87504-2088

State Lease - 4 Copi

1000 Rio Brazos Rd., Aztec, NM 87410 District IV

Fee Lease - 3 Coni

96 FEB 28 AHII: 55 AMENDED REPOR PO Box 2088, Santa Fc, NM 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number ¹ Pool Code 30-045-26804 71629 Basin Fruitland Coal * Property Code Property Name Well Number 11 Pavne 7379 OGRID No. Operator Name Elevation 6898' MERIDIAN OIL INC. 14538 ¹⁰ Surface Location Feet from the UL or lot no. Lot Ida Feet from the North/South line East/West line County Section Township Range S.J. 810 East 590 Α 27 32N 10W North ¹¹ Bottom Hole Location If Different From Surface UL or lot bo. Section Feet from the North/South line Feet from the East/West tipe Township Range Lot Ida County 13 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No. E/305.02NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 17 OPERATOR CERTIFICATIO 16 I hereby certify that the information contained herein is true and complete to the best of my knowledge and beli-Not resurveyed, prepared from a plat by Cecil B. Tullis dated 7-1-87. 810 Mahield Peggy Bradfield Printed Name Regulatory Administrator Title 2-26-96 Date 18SURVEYOR CERTIFICATIO I hereby certify that the well location sh was plotted from field notes of actual surveys m or under my supervision, and that the same is true an correct to the best of my belief. 2-21-96 Date of Survey COLEMBA 885

Payne #11 Unit A. Sec 27, T32N, R10W San Juan County, NM

Procedure to plug back and sidetrack in Fruitland Coal

Isolate Dakota perfs 8243' - 8380'

- 1. Set 4-1/2" CIBP @8200'.
- 2. TIH w/tbg and pump 8 sx (9.44 cu ft) Class B cement inside 4-1/2" casing on top of CIBP.

Isolate Gallup formation (Top (\$\hat{a}\$:6650')

- 3. Pick up to 6700'
- 4. Pump balanced plug of 12 sx (14.16 cu ft) Class B cement inside 4-1/2" casing from 6700' 6600'
- 5. TOOH

Isolate Mesaverde formation (Top (@15252')

- 6. Perforate 4 squeeze holes (a)5302'.
- 7. TIH w/cement retainer and set (\$\hat{a}\$)5252\,\text{.}
- 8. Pump 25 sacks (29.5 cu ft) Class B cement inside and outside 4-1/2" casing.
- 9. Sting out of cement retainer and pump 8 sx (9.44 cu ft) Class B cement on top of cement retainer.

Isolate 7" casing shoe @4011'

- 10. Pick up to 4061'.
- 11. Pump balanced plug of 12 sx (14.16 cu ft) Class B cement inside 4-1/2" casing from 4061' 3961'.

Isolate Pictured Cliffs formation (Top @3723')

- 12. Pick up to 3773'.
- 13. Pump balanced plug of 29 sacks (34.22 cu ft) Class B cement inside 7" casing from 3773' 3673'.

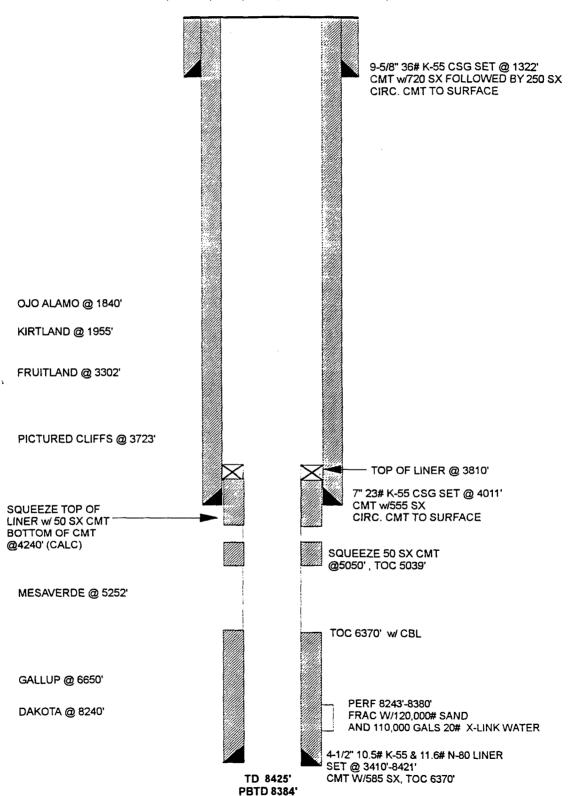
Sidetrack wellbore for Fruitland Coal Completion

- 14. Run CBL from 3600' to surface.
- 15. Set CIBP @3388'.
- 16. Set 7" whipstock on CIBP @3388'.
- 17. Cut window in 7" casing.
- 18, Drill 6-1/4" hole to a TD of 3707'.
- 19. Cavitate the Fruitland Coal until productive.
- 20. Evaluate well to determine if 5-1/2" 15.5# pre-perfed (4 spf) liner will be run in the hole.
- 21. Run production tubing and rig down.

PAYNE #11

CURRENT BASIN DAKOTA

UNIT A, SEC 27, T32N, R10W, SAN JUAN COUNTY, NM



Pertinent Data Sheet - Payne #11

Location: NE/4 590' FNL. 810' FEL. Section 27. T32N. R10W.

Lat. 36.961700, Long. 107.8629208 by TDG

San Juan County, NM

4

Field: Basin Dakota

Elevation: 6898' GL

KB: 9'

TD: 8425'

PBTD: 8384'

Completed: 11-07-87

Spud Date: 09-02-87

DP No: 32741A

Prop. No: 07241200

Fed. No: SF 080517

Casing/Liner Record:

Hole Size	<u>Csa Size</u> 9 5/8"	Wt. & Grade 36# K-55	Depth Set 1322'	Cement 720 SX	Top/Cement
				250 SX	to surface
8 3/4"	7*	23# K-55	4011'	555 SX	to surface
6 1/4"	4 1/2" Liner	10.5# K-55	3810'-8000'		
		11.6# N-80	8000'-8421'	585 SX	6371' (TS)

Squeeze top of liner with 50 SX

Squeeze 5050' with 50 SX TOC @ 4940'.

Tubing Record:

None.

Formation Tops:

Ojo Alamo:	1840"	Mesaverde:	5252
Kirtland:	1955'	Mancos:	6263
Fruitland:	3302	Gallup:	6650
Pictured Cliffs:	37 23 '	Graneros:	8117
Lewis:	3804'	Dakota:	8240'

Logging Record:

DIGL-GR, SDL-DSN-GR, Temp. Survey.

Stimulation:

Perfs 8243'-8380'.

Fractured with 120,000# sand and 110,000 gallons of 20# x-link gel water

ATR=50 BPM ATP=3800#

ISIP=2300#

Perf squeeze holes at 5050'-squeeze with 50 sx - TOC @ 4940'

Workover History:

8/28/94: Attempt to recomplete as an open hole well was unsuccessful. Stuck pipe on bottom. Had to work drill pipe out of the hole. See attached

Morning Reports for further detail.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office 1235 La Plata Highway Farmington, New Mexico 87401

IN REPLY REFER TO:

Attachment to Notice of

Re: Plug Back

Intention to Plug Back and Recomplete:

Well: 11 Payne

CONDITIONS OF APPROVAL

- 1. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the plug back operations commence (505) 599-8907.
- 2. The following modifications to your plug back program are to be made (when applicable):

A: Extend the cement plug from 4061' - 3961' to 4061' - 3758' using 37 sks. cement. (50' above liner top @ 3808')

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

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OIL CONSERV-	TON DIVISION
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		(_) (Server at AM 8 50
	Sundry Notices and Reports on	W41 ABG 29 PH 3: 4	7'94 51-11
. Type of Well GAS	DEGELVED N SEP - 2 1994	070 FARMINGTON, N	V SF-080517
	.961 2 1004	7.	Unit Agreement Name
Name of Operator MERIDIAN ©	m Oli Con. DIV.		
	DUST: 3	8.	
Address & Phone No PO Box 4289, Farm	o. of Operator mington, NM 87499 (505) 326-9	700 9.	Payne #11 API Well No. 30-045-26804
	Footage, Sec., T, R, M Sec.27, T-32-N, R-10-W, NMPM		. Field and Pool Basin Dakota
390 FNL, 610 FEL,	Sec. 27, 1-32-N, R-10-W, NMFM	11	County and State San Juan Co, NM
CHECK APPROPRIATE	E BOX TO INDICATE NATURE OF NO	TICE REPORT OTHE	R DATA
Type of Submission		f Action	
Notice of		Change of P.	lans
X Subsequen	Recompletion Tugging Back	New Constru-	ction Fracturing
	Casing Repair	Water Shut	
Final Aba	ndonment Altering Casi	ng Conversion	to Injection
	X Other -		
3. Describe Propo	sed or Completed Operations		
Cut: @ 7' 8-25-94 TIH, TIH hold 8-26/27-94 Mi	ND WH. NU BOP. Tbg would not ter not cutting. TOOH w/20 jts 75'. TOOH w/15 jts 2 3/8" tbg. tag fill @ 8359'. TOOH w/tbg. w/7" csg scraper to 3810'. TO e w/190 bbl wtr. PT 7" csg to lling. P. NU WH. Rig released.	2 3/8" tbg. TIH w, TIH. TOOH w/268 jt TIH w/4 1/2" csg s H. TIH w/4 1/2" RB	/wireline tag cutting ts 2 3/8" tbg. SDON. craper to 8384'. TOOH. P, set @ 8133'. Load
4. I hezeby certi	fy that the foregoing is true	and correct.	<u>.</u>
igned Jeggs 5/1	Title Regulator	y Affairs Date	8/29/94
This space for Fede PPROVED BY	ral or State Office use) Title	Date	4CCEPTED FOR DECO
CONDITION OF APPROVA		Date	

AUG 3 1 1994
FARMINGIUNUISIKU UTTICE

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submitted in lieu of Form 3160-5

UNITED STATES

DEPARTMENT OF THE INTERIOR

AN GONSER ON DIVISION BUREAU OF LAND MANAGEMENT		/
Sundry Notices and Reports on Wel	ls	
1. Type of Well GAS	SF 6. If	ase Number -080517 Indian, All. or ibe Name
	7. Un	it Agreement Name
2. Name of Operator MERIDIAN OIL 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	Pa	ell Name & Number Tyne #11 PI Well No.
4. Location of Well, Footage, Sec., T, R, M 590'FNL, 810'FEL Sec.27, T-32-N, R-10-W, NMPM	Ba 11. Co	eld and Pool sin Dakota unty and State un Juan Co, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE		RT, OTHER DATA
Type of Submission _x Notice of Intent _ Subsequent Report _ Final Abandonment _ Casing Repair _ Altering Casing _ X Other -	Chang New C Non-F	ge of Plans Construction Routine Fracturing Shut off ersion to Injection
13. Describe Proposed or Completed Operations		
It is planned to drill out (3 7/8" hole size) from (3807-8421') in this well for approximate 8521'. The well will be logged and compared to the size of the size o	ely 100	O' to a depth of
NOV2 2 1993	فمكنية	6- 404 65 6- 404 65 88 83 83
		RECEIVED OF -9 VALUES OF -9
14. I hereby certify that the foregoing is true and o	correct	•
Signed Standful (PDA) Title Regulatory Af	fairs	Date 11/8/93
(This space for Federal or State Office use) APPROVED BY Title	- <u></u>	ADREROVED
CONDITION OF APPROVAL, if any:		MOV 1 0 1993
	K	DISTRICT MANAGER

submitted in lieu of Form 3160-5

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

N DIVISION	· ·	
OIL CONSER VED	Sundry Notices and Reports on W	ells
0 12		5. Lease Number
G / (III) ***		SF080517
1. Type of Well		If Indian, All. or
GAS		Tribe Name
	,	7. Unit Agreement Name
2. Name of Operator		-
Meridian Oil Inc.		
		8. Well Name & Number
3. Address & Phone No.	of Operator	Payne #11
	ngton, NM 87499 (505) 326-9700	9. API Well No.
4. Location of Well. F	Cootage, Sec., T, R, M	10. Field and Pool
	ec.27, T-32-N, R-10-W, NMPM	Cedar Hill Ft.Coal
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		San Juan Co, NM
		Sair Juair CO, IM
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Type of Submission	Type of i	
Notice of I		Change of Plans
Notice of I		
	Recompletion	New Construction
Subsequent 1		Non-Routine Fracturing
	Casing Repair	Water Shut off
Final Aband	onment Altering Casing	Conversion to Injection
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	o postpone the approved plugbace llbore due to curtailment of ca	pital funds.
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14. I hereby certify	that the foregoing is true and	correct.
signed less than	Luca (GL) Title Regulatory	Affairs Date F749#90PD
Signed May Stall	MILLE (GL) TITLE REGULATORY	Alialis Date FOX 94.92
(mb :	al as Ghala occias a	Annri , ca
	al or State Office use)	- •
APPROVED BY	Title	Date 1 199%
CONDITION OF APPROVAL	, if any:	· ·
		PARMINGTON RESOURCE AREA
	- 40	PARMINGTON RESUGNOS
12	NMOCD	
4 6-		97

OIL CONSERV IN DIVISION RECT /ED DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMEN	
'91 SEP 6 AM 9 18 undry Notices and Reports on	Wells
1. Type of Well GAS	5. Lease NumberSF-0805176. If Indian, All.orTribe Name
2. Name of Operator Meridian Oil Inc.	7. Unit Agreement Name
3. Address & Phone No. of Operator Box 4289, Farmington, NM 87499 (505)326-9700	8. Well Name & Number Payne #11 9. API Well No.
4. Location of Well, Footage, Sec, T, R, M. 590'N, 810'E Sec.27, T-32-N, R-10-W, NMPM	10.Field and Pool December 11.County and State San Juan County, NM
Notice of Intent Abandonment Recompletion	of Action Change of Plans New Construction Non-Routine Fracturing
Casing Repair	Water Shut Off
Casing Repair	
Casing Repair Final Abandonment Altering Casin Other 13. Describe Proposed or Completed Operations Meridian Oil Inc. requests permission to postpothe Fruitland Coal until July 1, 1992. This re	ng Conversion to Injection one the approved plugback to
Casing Repair Final Abandonment Altering Casin Other 13. Describe Proposed or Completed Operations Meridian Oil Inc. requests permission to postpothe Fruitland Coal until July 1, 1992. This re	ng Conversion to Injection one the approved plugback to
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Casing Repair Final Abandonment Altering Casin	ng Conversion to Injection one the approved plugback to

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. DIVISION

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on	Metts
	5. Lease Number
1 Marine a C 11 1 1	SF-080517 6. If Indian, All.or
1. Type of Well GAS	Tribe Name
	7. Unit Agreement Name
2. Name of Operator Meridian Oil Inc.	
meriatan ori inc.	8. Well Name & Number
3. Address & Phone No. of Operator	Payne #11
Box 4289, Farmington, NM 87499 (505) 326-9700	9. API Well No.
4. Location of Well, Footage, Sec, T, R, M.	10.Field and Pool
590'N, 810'E Sec.27, T-32-N, R-10-W, NMPM	Cedar Hill Ft. Basal Coa
$oldsymbol{\epsilon}$	11.County and State
, '	San Juan County, NM
2.CHECK APPROPRIATE BOX TO INDICATE NATURE OF NO	
Type of Submission Type of X Notice of Intent O R Abandonment	Action
X Notice of Intent U & Washington	X Change of Plans
Subsequent Report 4 1991 Plugging Back Casing Repair	Non-Routine Fracturia
Casing Repair	Water Shut Off
Final Abandonment ON DA Altering Casing	Conversion to Inject:
Other	CAPATE LUIS
13. Describe Proposed or Completed Operations	
Please change the operator of this well from Uni- Meridian Oil Inc.	lon Texas Petroleum to
Meridian Off Inc.	
Union Texas Petroleum submitted a sundry notice	
well in the Fruitland Coal. This notice was appropriate the coal and t	
Administrative approval from New Mexico Oil Cons non-standard location was granted with NSL-2382	
non standard rocation was granted with Non 2502	011 3 22 30.
Meridian Oil intends to recomplete this well in	
approved sundry notice, with a change of operation as follows:	ions in the completion
portion, as follows:	
Setting a whipstock $@ \pm 3412-3425'$, cutting a	window 3412-3425' in the
7" casing, and drilling a sidetrack 6 1/4" hole	through the Fruitland Co.
to \pm 3707'. A 5 1/2" uncemented liner will be s	set from \pm 3262' to 3707'
14. I hereby certify that the foregoing is true	and correct
Signed Signed Madfull Title Regulatory	
	APPROVED
(This space for Federal or State office use)	AS AMENDED
APPROVED BYTITLE	DEG 22 8 1990
CONDITION OF APPROVAL, IF ANY:	Miginal Staned: STEPHEN MASON
•	AREA MANAGER

Form 3160-5 (November 1983) (Formerly 9-331)	UNITED STATE EPARTMENT OF THE I BUREAU OF LAND MANA	NTERIOR (Other Instruction	Minne on re-	Form approved. Budget Bureau in Expires August LEASS DESIGNATION SF-080517	31, 1985
- SUNDR	Y NOTICES AND REPO	ORTS ON WELLS	servoir.	UNIT AGREEMENT NA	
WELL GAS WELL X	OTHER		110 /10 1	UNIT AGEREMBET NA	¥5
2. NAME OF OPERATOR		(Maring and a second	8.	FARM OR LEASE WAY	18
Union Texas F	Petroleum Corp.		·	Payne	
P.O. Box 2120	Houston, TX 77252-	-2120		11	
See also space 17 below.)	Houston, TX 77252- t location clearly and in accordance	with any State requirements.	10	. FIELD AND POOL, O	
590' FNL & 81	lo FEL	·	11	Basin Dakot	ILE. AND
14. PERMIT NO.	If Figure ways (Cham	whether DF, BT, GR, etc.)	19	27-32N-10W	12. STATE
it. ibuail no.	6898 FR	wdetder br. at, cat etc.;		an Juan	NM
13. -	Check Appropriate Box To In	dicate Nature of Notice			1 _ 1111
	CREEK Appropriate box 10 in	dicate radiole of radice,	•	EEFORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-		repairing '	WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TR		ALTERING C	
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR	ACIDIZING	abandon me	ME.
REPAIR WELL (Other)	CHANGE PLANE Plug back to Frt Coal	YY (Other)	Report results of	muitiple completion n Report and Log fo	on Well
17. DESCRIBE PROPOSED OR CO.	MPLETED OPERATIONS (Clearly state of the directionally drilled, give substituted)	il pertinent details, and give p	ertinent dates, inc	iuding estimated dat	te of starting any
late in 1 and has m a pipelin we looked has a wel	and stimulated. This 987. However, the Da ajor crooked hole pro- e connection would no for an uphole interval in the quarter sect not appear to be prod	kota is not capable blems below 6500'. t be economical. S al that would be pr ion and the Gallup	of commerc With an AO ince the Da oductive.	ial gas produ F of only 72 kota is not p The Mesaverd	uction 7 MCF/D productive, e already
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,		ä	OIL CON. Drot. :		
18. I hereby certify that the	foregoing is/true and correct				
SIGNED AL	white T	TLE Reg. Permit Coo	ord.	DATE4/	9/90
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	*See I	estructions on Reverse Side	FOR A	REA MANAGI	ER

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.

RECOMMENDED PROCEDURE

Payne #11

- 1. Test anchors, dig blow pit, lay blow lines.
- 2. MIRUSU. TOH with 8358' 2-3/8" N-80 tubing.
- 3. Set 4-1/2" cement retainer @ 5200' on 2-3/8" N-80 tubing.
- 4. With 1000 PSI monitored and recorded on backside, pump 400 sx Class "B" cement. (Pipe capacity to bottom Dakota perf plus 75%)
- 5. Run CBL from 4100'. Set retrievable BP @ 3780' and top with 2 sx sand. Pressure test to 3800 PSI.
- 6. Perf Basal coal with 6 0.5" SPF @ 3680'-3705' and 3720'-22'. Total 174 holes.
- 7. Rig up frac tanks and frac crew to allow for mixing gel on the fly. Frac Fruitland coal seams down 7" casing at 30 BPM with 30# crosslinked borate gel (boric acid) and the following Arizona sand schedule.

<u>Stage</u>	<u>Fluid</u>	<u>Sand Size</u>	<u>Amount</u>	
Pad (Fluid Loss) 1 PPG (Fluid Loss) 2 PPG 2 PPG 3 PPG 4 PPG	28,000 gals 10,000 gals 5,000 gals 10,000 gals 10,000 gals 10,000 gals	40/70 40/70 20/40 20/40 20/40	10,000# 10,000# 20,000# 30,000# 40,000#	
5 PPG 5 PPG (resin coated	9,000 gals	20/40	45,000#	
& activator) Flush	3,000 gals (6,035 gals)	20/40	15,000#	
Total	85,000 gals		170,000#	

Maximum pressure = 3800 psi. Anticipated treating pressure = 3000 psi. Tag all sand with IR-192. Use computer van to monitor treating pressure. Have capacity to pump at 50 BPM

- 8. TIH with 6-1/4" bit on 2-3/8" tubing and clean out to 3770' (RBP @ 3780') with air/mist. Obtain gas pitot gauges and water rates when possible. TOH.
- 9. TIH with retrieving tool on 2-3/8" tubing and retrieve RBP @ 3780'. TOH.
- 10. Run after frac GR log from 3800'

- 11. TIH with 32' mud anchor with pump valve, 4' perf sub, standard seating nipple on 2-3/8" tubing. Land tubing @ 3800' with S.N. @ 3770'.
- 12. Run 2" x 1-1/2" RWAC-LFQ (stroke through) inset pump with Martin ring plunger on 3/4" rods.

P. M. Pippin

Production Engineer

WORKOVER DATA SHEET

WELL NAME Payne #11

<u>DATE</u> 03/27/90

LOCATION

590' FNL; 820' FEL

DATUM KB (12' above G.L.)

Section 27, T32N-R10W San Juan County, NM

ELEVATION

6898' G.L.

TOTAL DEPTH 8421'

FIELD FORMATION Basin Dakota

W.I. 100%

NRI = 83.495%

COMPLETED

INITIAL POTENTIAL

PLUG BACK TOTAL DEPTH

11/7/87

SICP = 1945 PSI

8384

Q = 715 MCF/D

AOF = 727 MCF/D

CASING RECORD CASING SIZE Wr. & GRADE DEPTH SET CEMENT TOP CEMENT 9-5/8" 36.00# K-55 1332' 720 sx Lost circ. 48 bbls into displacement 711 23.00# K-55 250 sx Into top 4011' Lost circ. 30 bbls 4-1/2" 11.60# K-55 3808'-8421' 585 sx into displacement

TUBING RECORD

2-3/8"

4.7# N-80

8358'

S.N. @ 8326' Open ended

WELL HEAD

LOGGING RECORD

Density Neutron, Induction, CBL

STIMULATION

CBL indicates TOC @ 6370'
Perfed Dakota w/33 - 0.32" SPF @ 8243'-59', 8298', 8319'-22', 8331', 8333',44',46',50', 51',66',70',80'. Fraced w/120,000# 20/40 sand in

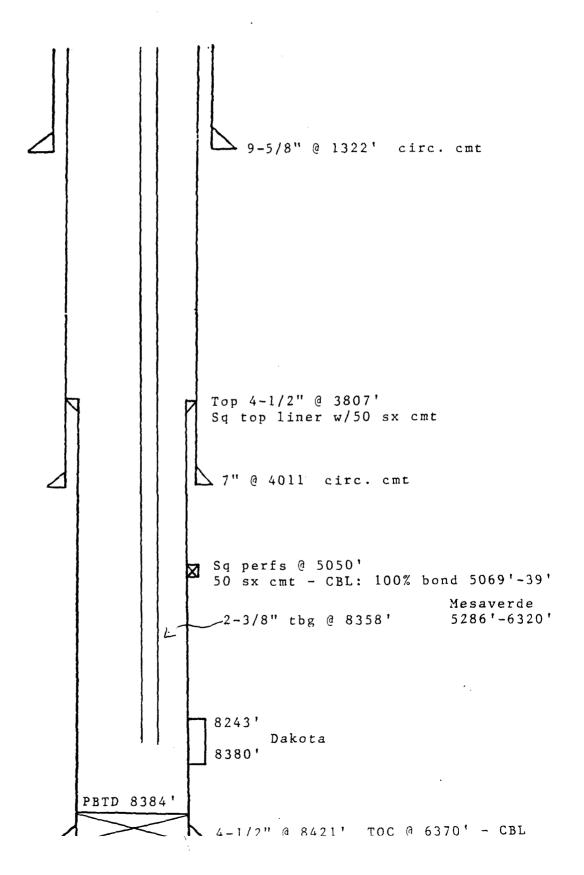
8333',44',46',50', 51',66',70',80'. Fraced w/120,000# 20/40 sand in 20# x-linked gel. Perfed 2 squeeze holes @ 5050' and squeezed w/50 sx cmt. Squeezed liner top w/50 sx. Ran CBL. 100% bond 5069'-5039'. Pressure test casing to 3000 PSI - OK. Heavy drag when tripping out of hole to 6500'.

WORKOVER HISTORY

4-12-88 TOH w/2-3/8" tbg. Dragging 20,000# off bottom. TIH w/2-3/8" tbg. Set pkr @ 6400' w/tail pipe to 7500'. Casing dead. Tbg gauged 1700 MCF/D w/heavy mist. Test csg to 2000 PSI - OK. Land N-80 tbg @ 5326'.

PRODUCTION HISTORY

590' FNL, 810' FEL Section 27, T32N-R10W San Juan County, NM Elevation: 9898' G.L. w/12' KB



PMp 3/23/90

Form 3160-5 (November 1983) (Formerly 9-331)	EPARTMENT OF BUREAU OF LAN			SF-	Expires Augu- LEASE DESIGNATIO -080517	H AND SERIAL H
SUNDR (Do not use this form	Y NOTICES AN	ND REPORTS or to deepen or plus PERMIT—" for such	ON WELLS back to a different reservoir. proposals.)	N,		
OIL C GAS XX	C. C.	Balchain	779 111	N,	UNIT AGREEMENT	(AMB
WELL WELL'	07882	<u>agrandi, sanamaran di.</u> M			PARM OR LEASE NA	AN THE STATE OF TH
Union Texas Petr	oleum	MAYPA		P	AYNE	
3. ADDRESS OF OPERATOR	A	376 07403	() () () () () () () () () ()	į	WELL NO.	
375 US Highway 6	_ ·		4.3 1.00 ()	13		
4. LOCATION OF WELL (Repor See also space 17 below.)	t location clearly and in	accordance with an	State requirements.*	1	FIELD AND POOL,	
At surface 590 FNT.	& 810' FEL	2		1	ASIN DAKOTA	
330 1111	a oro ren		•	***	SURVEY OR ARE	ALE. AND
		•		Se	ec. 27, T32	N-R10W
14. PERMIT NO.	15. BLEVAT	nons (Show whether D	P, RT, CR, etc.)	12.	COUNTY OR PARIS	H 18. STATE
	į			SA	AN JUAN	NM
····		0 7 1 1				
16.	Lheck Appropriate	Box to Indicate I	Nature of Notice, Report	, or Other	r Data	
NOTIC	S OF INTENTION TO:		•	UBERQUENT	ERPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTE	IR CASING	WATER SHUT-OFF		BMPAIRING	WELL
PRACTURE TREAT	MULTIPLE CO	MPI.ETE	FRACTURE TREATMENT	'	ALTBRING	CASING
SHOOT OR ACIDIZE	ABANDON*		SECOTING OR ACIDIEIS		ABANDONM	BHI.
			(Other)Resec	ama		XX
REPAIR WELL	CHANGE PLAN	°		results of m	ultiple completion	OD Well
(Other) 7. DESCRIBE PROPOSED OR COM proposed work. If well nent to this work.) *	PLETED OPERATIONS (Cle. is directionally drilled.	arly state all pertine give subsurface loca	(Nors: Report Completion or R at details, and give pertinent tions and measured and true	dates, inclu vertical dep	Report and Log for ding estimated dis oths for all marke	orm.) Ite of starting is and sones pe
(Other) 17. DESCRIBE PROPOSED OR COM proposed work. If well near to this work.) On Texas Petrolet ture #1. The are	PLETED OPERATIONS (Cle- is directionally drilled. Im wishes to access reseeded we otember 5, 1988	arly state all pertines give subsurface local dvise that the ere the top	(Nors: Report Completion or R	dates, incluvertical dep	Report and Log for ding estimated depths for all market using RIM	orm.) te of starting re and sones pe Seed
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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.

*See Instructions on Reverse Side

(No	rm 3160-4 ovember 1983) formerly 9-330)	DEPAR ¹	ME	ITED NT OI OF LAN	FTH	EINT	rerig	R ~	struct revers	TE* other in- tions on se side)	Buc Exp 5. LEASE	DESIGN	ureau No Lugust 3	0. 1004-0137 1, 1985
								, 122	SIVED	<u> </u>		-080		OR TRIBE NAME
	WELL CON		OR			ION R	REPORT	AN	DLLOC	31*1	N/			/B 12:00 NAME
	TYPE OF WELL	LETION:		WELL X		AY	Orphico 14	MY 26	- PH 1:	81	7. UNIT		ENT NAM	•
	WELL X	WORK DEP	r. 🗀	BACK	DIF		Other	<u> </u>		- 111	S. FARM		SE NAME	
2.	NAME OF OPERATO				where experience #1 - 1 m	Ž	FARMI	HOTON	. HEW ME	,	9. WELL	YNE		
3.	UNION I	exas Petro	leum	<u> </u>	:: - 3	1999/	11.11				_			
•		Highway 6	1	Farr	ninato	n NM	87401	· ~ 4) ·	10. FIELD		OOL, OR	WILDCAT
4.	LOCATION OF WEL	L (Report locati	on clearl	y and in a	ccordance	verfft any	State req	HIFCHER	(0)		Ba	sin	Dakot	a
	At surface 5	90' FNL &	810'	FEL :	والمراجع والمراك	1			ili te Aleman er ere		11. SEC		M., ON BLO	CK AND BURYET
	At top prod. inte	rval reported be	iow			/ GA		13	ভ ৱ		c-	- 2	7 T	31N-R10W
	At total depth						ee. A	عم چي څ	TIV.		26	.c. Z	/ - 1	21M-KIOM
					14. PE	BMIT NO.	the bar	- DATE	ISSUED		12. COUN	TY OR	13	3. STATE
15	DATE SPUDDED	IG. DATE T.D. F	FACHED	17 0471	CONCL	Rendu to		151. S	"			Juan		NM CABINGHEAD
10.	9/2/87	9/23/87			/7/87	(1000)	, , , , ,		VATIONS (D 98 G.L.			" "	689	
20.	TOTAL DEPTH, MD 4			r.b., MD &		HOW M	TIPLE COM		[23. INTE		ROTARY	TOOLS		ABLE TOOLS
	8425		8384			N/	'A			→ 10) - 8425			
24.	PRODUCING INTER	VAL(S), OF THIS	COMPLE	tion—top	, BOTTOM,	M) ZHAN	ID AND TV	0)•						S DIRECTIONAL SEE MADE
	8243-8380	(gross) [akota	l								İ		No
26.	TYPE ELECTRIC A										·	27		ELL CORED
_	DIGL-GR,	SDL-DSN-GF	₹										No)
29.	CABING SIZE	WEIGHT, LB.	,	CASI			ort all etri	nge set		ENTING R	ECOPD			
	9-5/8	36	-	1322			-1/4	-		attach			A×	OUNT PULLED
	7 7	23		4011		·	$\frac{-1}{4}$	-		attach			-	
_														
									1 00					
29 .	8128	TOP (MD)		RECORD	SACKS C		SCREEN	(MD)	30.		UBING R			EER SET (MD)
_	4-1/2	3808	[421	ļ		tached	`` -	2-3		8356	(45)		N/A
_					i					/				*/**
31.	PERFORATION REC						82.		CID. SHOT					
	33 total 0 8298', 830	.32" holes	1 JS	PF at	8243'	-8259'	DEPTH	INTERVA	L (MD)	AMO	UNT AND	KIND (P MATER	MAL CEED
	46',51',52			22 ,31	. , 33	,44, ,			ee att	ached				
	5050' sque							<u>`</u>						
_							1			1			·	
33. DA1	TE FIRST PRODUCT	ION PROD	CCTION	METHOD (flowing, g		Ol'CTION	ize and	type of pur	np)				oducing or
		F	lowin	g								shut-is		ut-in
DA:	E OF TEST	HOURS TESTED	СН	OKE SIZE		N. FOR PERIOD	01L	L.	GASN		WATER-		GAS	DIL BATIO
21.0	5/13/88	CASING PRESEL	- CA	3/4	011		Tr	8 N C F.	8	WATER-	unt.	Tr	N GRAVIT	T-API (CORR.)
7 444	50	1945 SICF	24	HOUR BAT		Tr		715	, 1	2			N/A	
34.	DISPOSITION OF G		1	mted, etc.)			'		<u> </u>	_ 	TEST W	TNESSE		~~~~~
	Vent	ed							·		Cli	f.f. Ga	tes -	<u>annasan</u>
3 5 .	LIST OF ATTACH	nting and	Stime	lation	Pocos					i	10 W.	المتسدة ا	ស្សា	emilie in estado
36	I hereby certify	that the foreso	ng and	ttached to	nformatio	n is comm	lete and c	orrect a	s determin	ed from	il availa	ble/reco	ords 1.10	\(\tau \)
_ •	//	Set C.		/						 (
	SIGNED	nen c.	5/2a	n R	TI	TLE	ermit.	COUPO	inator		<u></u> Eaussiau		5/23/	00
		*(Se	e Instru	ictions a	nd Spac	es for A	ddition	al Date	on Reve	erse Side	·)		7	_

Title 18 U.S.C. Section 1001, makes it a crime for any personal longingly 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.

DESCRIPTION, CONTENTS, ETC.		TOP	ą
	NAME	MEAS, DEPTH	TRUE VERT, DEPTH
Ojo Ala Kirtlan Fruitlan Fruitlan Picture Lewis Mancos Gallup Greenho Granero Dakota	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Mesaverde Mancos Gallup Grenhorn Graneros Dakota	2474 2623 32623 3719 3804 5252 6263 6650 8052 8117	

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Cementing Record

Surface 720 sx (850 cu.ft.) Cl "B" with 2% CaCl2 and

1/4# flocele/sk. Lost circulation. Top out through 1" tubing with 250 sx (295 cu.ft.)

Cl "B" with 2% CaCl2.

<u>Intermediate</u> 400 sx (1148 cu.ft.) 65/35 POZ with 12% gel, 12-1/4#

gilsonite/sk, tailed by 150 sx (177 cu.ft.) Cl "B" containing 2% CaCl2. Circulate 30 bbls (168 cu.ft.)

of cement to surface.

<u>Liner</u> 235 sx (660 cu.ft.) 65/35 POZ containing 12% gel,

6# hyseal/sk and 1.25 CF-10, tailed by 350 sx (550 cu.ft.) 50/50 POZ containing 4% gel, 6-1/4# gilsonite/sk, and 10# salt/sk. Lost circulation.

Cement top at 6371'.

Stimulation Record

8243'-8380' Acidize: 3000 gals 15% HCl and 66 - 7/8" ball

sealers

Frac: 120,000# 20/40 sand in 110,000 gals

20# crosslink gelled water

5050' Squeeze: 50 sx (59 cu.ft.) Cl "B" with 2% CaCl2.

Squeeze to 2000 psi. Test squeeze to

3000 psi for 15 minutes. Held.

3808' Set packer at 3707'. Squeeze liner top

with 50 sx (59 cu.ft.) Cl "B". Squeeze to 2000 psi. Test squeeze to 3000 psi for

15 minutes. Held.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

	*1040		
DISTRIBUTI	ON	Г	
SANYA PE		Ι	
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PROBATION OF	KE		

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 Format 06-01-83

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS Operator Union Texas Petroleum Address 375 US Highway 64 Farmington, NM 87401 Resson(s) for filing (Check proper box) Other (Please explain) Chance in Transporter of: OH Recompletion Dry Gas Change in Ownership Casinghead Gas Condensate If change of ownership give name and address of previous owner. II. DESCRIPTION OF WELL ell No. | Pool Name, Including Formation Kind of Lease State, Federal or Fee Payne Basin Dakota SE-08051 Location 590 North 810 East Unit Letter et From Th 32 27 3111 10W San Juan Township Range NMPM, Line of Section Cour III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Name of Authorized Transporter of Cil Address (Give address to which approved copy of this form is to be sent) or Condensate TY Giant Refining 0. Box 256, Farmington, NM 87499 Name of Authorized Transporter of Casinghead Gas Address (Give address to which approved copy of this form is to be sent) Sunterra Gas Gathering Co. P. O. Box 1809, Bloomfield, NM 87413 Twp. Unit Rge. is gas actually connected? If well produces oil or liquids, give location of tanks. Α . 27 31N : 10W If this production is commingled with that from any other lease or pool, give commingling order number: NOTE: Complete Parts IV and V on reverse side if necessary. OIL CONSERVATION DIVISION 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 is true and complete to the best of my knowledge and belief.

What C. Trank	
(Signature)	_
_ <u>Permit</u> Coordinator	
(Tule)	
May 23, 1988	
(Date)	

APPROVE	D		100	9	**	1988	
BY	<u>~ 5.</u>	Z	/			,	
TITLE		3	aupērvisor	DIST	RICT	E a	

This form is to be filed in compliance with RULE 1104.

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

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

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

completed wells.

Designate Type of Complete	on - (X) Oil Well Gas Well	New Well Workover Deeper	Plug Back Same Res'v. Diff. Res'v.	
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.	
9/2/87	11/7/87	8425	8384	
Elevations (DF, RKB, RT, GR, etc.,				
6898 GL 6910 KB	Dakota	8243	8356	
Perforations 8243-8380 (gross)			Depth Casing Shoe 8421 KB (liner)	
	TUBING, CASING,	AND CEMENTING RECORD		
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT	
12-1/4	9-5/8	1322	970 sx (1105 cu.ft.)	
8-3/4	. 7	4011	550 sx (1325 cu.ft.)	
6-1/4	4-1/2	3808-8421	585 sx (1210 cu.ft.)	
	2-3/8	8356	<u></u>	
OIL WELL	able for this	e depth or se for full 24 hours)	oil and must be equal to or exceed top allow	
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, go	in life arm t	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size	
Length of Test \ Actual Prod. During Test	Tubing Pressure	Casing Pressure	Choke Size	
Actual Prod. During Teet GAS WELL Actual Prod. Teet-MCF/D	Tubing Pressure Oil - Bbls. Length of Test	Casing Pressure Water-Bbis. Bbis. Condensate/MMCF	Choke Size Gas - MCF Gravity of Condensate	
Actual Prod. During Teet GAS WELL Actual Prod. Teet-MCF/D 715	Tubing Pressure Oil-Bble. Length of Test 3 hrs	Casing Pressure Water-Bbis. Bbis. Condensate/MMCF Tr	Choke Size Gas • MCF Gravity of Condensate N/A	
Actual Prod. During Test AS WELL Actual Prod. Test-MCF/D	Tubing Pressure Oil - Bbls. Length of Test	Casing Pressure Water-Bbis. Bbis. Condensate/MMCF	Choke Size Gas-MCF Gravity of Condensate	

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-122 Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Тур	e Test	Initio	rl		☐ An	nual	· · · · · · · · · · · · · · · · · · ·	Spe	ecial	Test Da					
	npony					Connection		 		L					<u></u>
Poo	1		SCLOI			Formation		Gath	21 III	g co.		Uz	nit		
	asin			Cotal Depth		Dakot	a Plug Back	770		Elevatio					
	1/7/87	•		8425			838		,	6898			wn or Leo Payne	ree lactin	•
Can	.50000	Wi. 2.	3.0	4.052		4010 07-8421			T	. 81	380	We	11 No.		
The	. Size	Wt.	1	d	Set	Al	Perforatio	ne:				Ur	nit Se		wp. Age.
2 Typ	.375	4	.7	1.995 G.G. or G.	8: 0. Muli	356	From 83	Pocker 8		6 83	328		A 2	.7 (32N 10W
s	ingle-G											į.	San Ju	ian	
	iucing Thru			our Temp, *F	M	tean Annual	Temp. *F	Bero. Pr 12	465. —	Pa		† '	new Me		
	ubing L	н		Gq	٠,	6 CO 2	% N 2	12	% H ₂ 8	,	Prove		Meter Run		Гарв
<u> </u>		L	F1	0.695 OW DATA				7116	ING	DATA	_	CASI	NG DAT		Buente
NO.	Prover Line	×	Orifice	Press.	T	Diff.	Temp.	Pres		Tem	.	Press,		emp.	Duration
SI	Size		3/4"	p.s.1.q.		hw	•F	194		*F	-	1945		• F	7 Days
1,			<i>17 ≒</i>		丰			50		68	·	280		68°	3 Hours
2. 3.					-					 	\dashv				
4.					工						二				
5.						RATE O	F FLOW	CALCU	ATI	ONS					
	Coelli	cient				Pressure	Flow	r T⊕mp.	T	Gravity		Sup	1	Rat	te of Flow
20	(24 H			√h _w P _m		P _m		actor F1.		Factor Fq		Compr Factor,			Q, Mcfd
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<u>2.</u> 3.										-4		19 7	. f y		
4. 5.			ļ		\dashv				-	*.	: /4 / 1		7 .5	7	
NO.	R-	Temp		Te	<u></u>	Gas	Liquid Hye	drocarbon	Ratio		<u> </u>	1 10,40	1	<u> </u>	Ma:[/bbl.
1	- 1					A.P	.I. Gravity	of Liquid	Hydrod	arbons .		\			Deg.
2.							cilic Gravit cilic Gravit							XXXX	
3. 4.		┼	+				ical Pressu Ical Tempe					F	P.S.I.A		P.S.I.A.
4. 5. Pc.	1957	1	工工										^_		R
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Rem	æks:		0												
Арр	oved By Di	vision		Conduct	ed By:			Calculate	d By:			Che	cked By:		
				C1	iff	Gates				Rector			-••		

Form 3160-5 UNITED STATES SUBMIT IN TRIPLICATION (Office Instructions on 10	Budget Bureau No. 1004-0135 Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO.
BUREAU OF LAND MANAGEMENT	SF-080517
SUNDRY NOTICES AND REPORTS ON WELLS THE DOMESTIC TO A STREET TO A STREET THE PACE TO A STREET	6. IF INDIAN, ALLOTTES OR TRIBS NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.)	N/A
OIL CAS X OTHER 7 DD 1 1 1002 1 1	7. UNIT AGREEMENT NAME N/A
2. NAME OF OPERATOR FARMING TON MESQUIRGE AR	8. FARM OR LEASE NAME
Union Texas Petroleum NEW MEXICO S. ADDRESS OF OFFRATOR	PAYNE
375 US Highway 64, Farmington, NM 87401	11
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)	10. PIBLD AND POOL, OR WILDCAT
At surface	Basin Dakota
590' FNL & 810' FEL	SURVEY OR ARMA
	Sec. 27, T32N-R10W
14. PERMIT NO. 15. REZVATIONS (Show whether DF) ST. GR. etc.)	12. COUNTY OR PARISH 18. STATE
	San Juan NM
16. Check Appropriate Box To Indicate Nature of Notice, Report, or	Other Data
NOTICE OF INTENTION TO:	QUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	BEPAIRING WELL
PRACTURE TREAT MULTIPLE COMPLETE PRACTURE TREATMENT	ALTERING CARING
SHOOT OR ACIDIES ABANDON*	ABANDONMENTO
REPAIR WELL CHANGE PLANS (Other) Well (Note: Report resu	status X its of multiple completion on Well
response to your letter referenced SF-080517 (WC), 3162.3-1.0 exas Petroleum wishes to advise: The subject well has been completed. However, during the cordeveloped problems with the liner hanger. Due to lease stipulations (Bald Eagle) we were unable to move A remedial plan will be developed and the liner hanger repair occupancy is permitted pursuant to our lease.	mpletion the well
	+ 15 +
18. I hereby certify that the foregoing is true and correct,	
10. 1 beledy testing the lovestone in the content	
SIGNED Robert C. Trank TITLE Permit Coordinator	ACCEPTED 4/23/88 7000
SIGNED Notes Coordinator (This space for Federal or State office use)	ACCEPTED 4/23/887779
SIGNED Robert C. Trank TITLE Permit Coordinator	ACCEPTED 4/23/887770

*See Instructions on Reverse Side

NMOCC

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.

Form 3160-5 (November 1983)	UNITED STATES	/O+b	T IN TRIPLICAT	Expires Au	ved. eau No. 1004-0135 gust 31, 1985 FION AND SERIAL NO.
	AU OF LAND MANAGEN		5 miles / mar. /	SF-08	
	TICES AND REPORT		7 1 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		NAME SEIST SO SETT
Do not use this form for prop Use "APPLI	possis to drill or to deepen or	plug back to a differ	rent reservoir.		
	CATION FOR PERMIT—" for a	ides biobossis.)	5 FR 3:\00	7. UNIT AGRESMEN	4
I. OIL GAS	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	FARTHINGTON S	ESOUDAT ARE		_
WELL WELL OTHER	4- W 13 1831	FARMINGTON		8. PARM OR LEAGE	
		Jan 1977 Mill	/ 51,,50	PAY	NF
Jinion Texas Petroleu 3. ADDRESS OF OPERATOR	Maria Contraction of the Contrac	<u> </u>	-/	9. WELL NO.	<u> </u>
275 U.S. Highway 6/	Earmington Now M	evico 87401		1	1
375 U.S. Highway 64. 4. Location of Well (Report location See also space 17 below.)	clearly and in accordance with	h any State requires	nents.*	10. FIBLD AND POO	L, OR WILDCAT
At surface	•			Basin Dako	
				11. SEC., T., R., M., SURVEY OR	ARBA
590' FNL & 810'	FEL			Cartina 27	TOOM DIOM
14. PERMIT NO.	15. ELEVATIONS (Show wheth	her DF. RT. GR. etc.)		Section 27	
14. PERMIT NO.	{			San Juan	NM
	6898' G				
16. Check A	Appropriate Box To Indica	ate Nature of No	otice, Report, o	r Other Data	
NOTICE OF INT	ENTION TO:	1	8038	SQUEST REPORT OF:	
TEST WATER SHUT-OFF	PELL OR ALTER CASING	WATER	SHUT-OFF	REPAIR	ING WELL
PRACTURE TREAT	MULTIPLE COMPLETE	PRACTO	THE TREATMENT	ALTERI	NG CASING
SROOT OR ACIDIES	ABANDON®		ING OR ACIDIZING		HERT'S
REPAIR WELL	CHANGE PLANS		, <u>Int. csq</u>	& prod. liner	
(Other) 17. DESCRIBE PROPOSED OR COMPLETED O			ompletion or Reco	mpletion Report and Lo	g (orm.)
gilsonite, tail Circulate 30 bt 4. Test BOP and ma held OK. 5. Drill 6-1/4" ho 6. Log well. 7. Run 4-1/2", 10. 8421'. 8. Cement with 239 Hyseal and 1.29	-55 intermediate call sx (1148 cu.ft.) led by 150 sx (177 ols (168 cu.ft.) of anifold to 1500 psi ole with gas to 803 .5# liner from 3808 5 sx (660 cu.ft.) 6 5% CF-10, tailed by gilsonite/sk and 1 Cement top will be	65/35 POZ w cu.ft.) Cl f cement to i. Test cas 36'. Mud up 8'-7968' and 65/35 POZ co y 350 sx (55 10# salt/sk.	ith 12% gel "B" contain surface. ing to 1500 and drill 4-1/2", 11 ntaining 12 0 cu.ft.) 5 Lost circ	psi. All to TD of 8425 .6# from 7968 % gel, 6#/sk .0/50 POZ conta	aining
18. I hereby certify that the foregoing SIGNED OUT C	Trank TITLE	Permit C	oordinator	DATE	10/02/1987
•					11.15.7
CONDITIONS OF APPROVAL, IF	ANY:			DATE	
•				MV	· · · · · · · · · · · · · · · · · · ·
	*See Instruc	ctions on Reverse	Side		
		MMOUG			
Title 18 U.S.C. Section 1001, mak United States any false, fictitious	es it a Crime for any person or fraudulent statements o	n knowingly and v or representations	villfully to make as to any matte	to any department or within its jurisdict	or agency of the ion.

Form 3160-5 (November 1983) (Formerly 9-331)		HE INTERI	SUBMIT IN TRIPLICA! OR verse aide)	Budget Bureau No. 1004-0135 Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO.
	BUREAU OF LAND	MANAGEMENT		SF - 080517
SUND	RY NOTICES AND	REPORTS C	ON WELLS	6. IF INDIAN, ALLOTTER OR TRIBE NAME
(Do not use this for	rm for proposals to drill or to les "APPLICATION FOR PERI	deepen or plug b	ack to a different reservoir.	N/A
1.	7. A. I D. O. I. I. I. I. I. I. I. I. I. I. I. I. I.		/	7. UNIT AGREEMENT NAME
OIL GAS WELL W	OTHER	•		N/A
2. NAME OF OPERATOR		J		8. FARM OR LEASE NAME
Union Texas Pe	etroleum			PAYNE
3. ADDRESS OF OPERATOR			07404	9. WELL NO.
375 U.S. High	vay 64, Farmington ort location clearly and in account	New Mexic	State requirements •	10. FIRLD AND POOL, OR WILDCAT
See also space 17 below. At surface)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
At Bullett				Basin Dakota 11. sac., T., E., M., OR SLE. AND
SQO! ENI	& 810' FEL			SURVEY OR AREA
330 THE	a oro irr			Section 27-T-33N-R10W
14. PERMIT NO.		(Show whether or	RT, GR, etc.)	12. COUNTY OR PARIER 13. STATE
	6898'	G.L		San Juan NM
16.	Check Appropriate Box	To Indicate N	ature of Notice, Report, o	or Other Data
NO	CICE OF INTENTION TO:			ARBOURNT REPORT OF:
		[]		
TEST WATER SHUT-OFF	PULL OR ALTER C.	1	WATER SHUT-OFF	EMPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLI	TE	PRACTURE TREATMENT	ALTERING CASING ABANDONMENT®
SHOOT OR ACIDIZE	ABANDON*	 	SECOTING OR ACIDIZING	d Surface Casing X
REPAIR WELL (Other)	CHANGE PLANS		(Nors: Report res	mits of muitiple completion on Weil
	OMPLETED OPERATIONS (Clearly	state all pertinen		ompletion Report and Log form.) ates, including estimated date of starting any
proposed work. If we nent to this work.)	ell is directionally drilled, giv	e subsurface local	ions and measured and true ve	ates, including estimated date of starting any ertical depths for all markers and sones perti-
and 1/4# floo surface with Circulate 5	cele/sk. Lost cir 250 sx (295 cu.ft bbls (28 cu.ft.) o 000 psi. Held OK. surface.	culation. .) of Cl "{ f cement to	Run 1" tubing to 1 3" with 2% CaCl2 and surface. Nipple ing to 1000 psi. H	C1 "B" with 2% CaCl2 .00' and cement to nd 1/4# flocele/sk. up BOP and manifold, deld OK. Drill 8-3/4"
SIGNED (This space for Federal APPROVED BY CONDITIONS OF APP			Permit Coordinator	99/09/1987 APPENDED 1 1987 Spin 5 1987 FARMINGTON RESOURCE AREA
	•	See Instructions	on Reverse Side	RY SAM

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.

UNITED STATES DEPARTMENT OF THE INTERIOR

LICATE® Form approved.

Budget Burger No. 1004-0126

				1004-01	36
	Expires	August	31,	1985	
_					

Form 3160-3 (November 1983) (formerly 9-331C)	UNIT DEPARTMENT	ED STATES	FERIOR	SUBMIT IN TR (Other instruction of the control of	IPLICATES	Form Budge Expin	approved. et Bureau No. es August 31,	1004-0136 1985
	_ 	LAND MANAGE		87 //1	"AUA	CA LEASE DI	BIGNATION AND	SERIAL NO.
A DOLLC A TION					A CV.	6. IF INDIA	N, ALLOTTER OR	TRIBE NAME
	FOR PERMIT T	O DRILL, DE	EPEIN, C	PRITICO B	<u> </u>	5,	N/A	
1a. TIPE OF WORK DRIL	山田村日月十八	DEEPEN [PLUG BAC	~ _ 1		REEMBET NAME	
b. TIPE OF WELL	1317		*****		ENME	1RFA	N/A	
	LL X STOPHER 81	987	ZONE Z	ZONE ZONE		(B) FREM OF	LEASE NAME	
2. NAME OF OPERATOR						9. WELL NO	PAYNE	
Union Texas P	etroleum			·		D. WELL N		
	way 64, Farming	ton New Mevi	cn 8740		,	10. FIELD A	ND POOL OR W	ILDCAT
4. LOCATION OF WELL (Re	port location clearly and	in accordance with a	ing State req	uirements.*)		_	sin Dakota	
A t water a ca	FNL & 810' FEL					11. aac., z.,	E., M., OR BLE.	<u> </u>
At proposed prod. sone					}	AND AU	AVET OR AREA	
and proposed process access						Section	on 27, T32	2N-R10W
14. DISTANCE IN MILES A	ND DIBECTION FROM NEAR	EST TOWN OR POST O	FFICS*			12. COUNTY	OR PARISH 13	. STATE
	of Cedar Hill,					San J		NM
15. DISTANCE FROM PROPUS LOCATION TO NEAREST	010 11	un rease		es in lease		P ACRES ASS LIS WELL		
PROPERTY OF LEASE LI (Also to nearest drig.	unit line, if any) fr	om DU		180 1633.69		E/2		2 acres
TO NEAREST WELL. DR	ILLING, COMPLETED.) ·	9. PROPOSED		ł _	T OR CABLE	TOOLS	
OR APPLIED FOR, ON THE		155' DRILLING UPERA	842		l K	otary	X. DATE WORK	WILL STARTS
6898 G.L. (•	SUBJECT TO COM	IPLIANCE W	ITH ATTACHED		}	lugust 30,	
23.	,	ROPOSED CASTNO			M This	1011011 to 54	12:30 t 10 t 201	o 43 CFR 316
					proced	nneal:.purs	Mant to 43 C	PR 3185.4.
12-1/4"	9-5/8"	32.3#		1320 '	<i> </i>		885 cu.ft	
8-3/4"	7"	23.0#		4010'		75 sxs (907 cu.ft	
6-1/4"	4-1/2" line			3810'-8425'			871 cu.ft	
1	, _,,			0.20	1	00 5/5 ((0)1 0411	
Union Texas Petr	oleum wishes to	advise we i	ntend to	drill 12-	1/4" ho	ole with	mud to 1	1320+ and
set 9-5/8" 32.3#	, H-40, ST&C cs	g. to 1320'+	, cement	ing to sur	face wi	ith 750	sxs (885	cu.ft.)
C1 "B" with 2% C	aC12 and 1/4# f	locele/sk. 🗆	Wait on	cement for	12 hrs	.		
Nipple up, test	BOP. Drill 8-3	/4" hole wit	h mud oi	it of surfa	ce to 4	1010'.	Set 7" 2	23.0#.
K-55, ST&Ć inter	mediate csq. to	4010', ceme	nting to	surface w	ith 27!	5 sxs (7	89 cu.ft.	.) 65-35
POZ with 12% gel	and 12-1/4# gi	lsonité/sk,	tailed t	y 100 sxs	(118 cu	ı.ft) Čl	"B" with	2% CaC12
Drill 6-1/4" hol								
10.5#, K-55, ST&	C liner from 38	10' to 8425'	Cemer	t liner in	to inte	ermediat	e csa wit	h
555 sxs (871 cu.	ft.) 50-50 POZ	with 4% gel,	6-1/4#	qi1sonite/	sk, and	i 10# sa	ilt/sk.	,,,
Following perfor								ii nment
will be installed	d. Buried cath	odic protect	ion cabl	e will be	tied in	the ex	istina th	≀rpment Nermo-
electric generate	or on the Payne	5. An Unor	thodox L	ocation Re	quest h	nas been	made of	the
NMOCD.	-				•		-	_
IN ABOVE SPACE DESCRIBE								

24. Permit Coordinator (This space for Federal or State office use) PERMIT NO. APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

Hold C-104 for NSC

preventer program, if any.

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Superordes Col

		All dialo	nere must be free	be outer be	-	ING BOE1194	•	
Operator			Į.	***				Yell He.
UNION T	EXAS PETROLE	UM		PAY	NE			11
Unit Letter	Section .	Township	•	Handa		County		
A	. 27	1	32N	10	WC		SAN JU	JAN
	Location of Wells		•					
590	feet from the	North '	line and	810	foot	from the	East	line
Ground Level E				oo l		11012 1110		Dedicated Acreages
6898		ota		Basin				E/2 30E #2
								
1. Outline	the acreage dedic	ated 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 idea	tily the	ownershio	thereof (both as to workin
	t and royalty).		•					
2 II more	than one leave of	different aw	nershin is de	dicated to t	he wall 1	ieve the	interesta	of all owners been consoli
							inicicata (or all owners peen consol
deted D	y communitization,	unitization,	torce-booting	. 616;	•	•		
~ v	. [N 11				•			•
[Yes	No II	answer is	res;" type of c	onsolidatio	n		· •	
	. 44 49 44				_			• • • • • • • • • • • • • • • • • • • •
	_	OWNERS AND	l tract descrip	tions which	have ac	tually bė	en consoli	dated. (Use reverse side d
this for	m if necessary.)							
No allo	wable will be assig	ned to the w	ell until all in	terests bay	e been c	onsolidat	ed (by co	mmunitization, unitization
forced-p	ooling, or otherwise	or until a	non-standard u	nit, elimina	ting such	interest	s. has bee	n approved by the Commis
sion.							-,	
	589° 49'W		^	86°39 W			 	
	2666.40		1250.	37	125	0.37		CERTIFICATION
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•	. 1	3.	•	ia	36	- 1	ł [.]	
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		¥.	n	$\mathbf{I}_{t_{i,j}}^{(i,j)}$	81	0' \$	1	herein is true and complete to th
•		6.3	n .	100		2	best of	my knowledge and belief.
	l. ".	6.	38.58 Ac.	t hij	37.99	松土 含		11100 /
3.3	1,0.		•	0	•	1	10	fet C Trank
લે				- (m)			Nome	•
\$	17	~					Rober	t C. Frank
	. 0 N.	64		اه			Position	
1	101.		3	210		À	Permi	t Coordinator
•		3,	n n	,1 ^w .	•	6	Company	
	i		58.47A	₩ W	33.07	Act g	Union	Texas Petroleum
W 4	Dakot.	a 🕻	`	15.		1	Date	TEXAS FECTOTEUM
	1	3		l l		•		27 1007
•	N 88° 132' 29' N	,	1255.29		1255.	20	oury a	27, 1987
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		3	•	1			A hereb	y certify that the well location
Ξ	<u>.</u>	Į.	•	1		E	shown o	n this plat was platted from field
	· 병문	4		i	-	*	notes e	school surveys made by me a
	Source As	J i,	v1		•		undge	e scheropping and that the same
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	July Silling .			ag. 11 3	** * S	- 13c4	120	J. Bully
C C	· 1969	Þ		ا رق			Dole Sulve	704
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	1	7			ONI. C	AV.	1	d Curveyor
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	- TT TAZO 1000 101	. 1310 34.00	1000	1900 10			• 967	12 Exhibit I