

CMD : ONGARD 03/29/04 08:09:43  
 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPQZ

API Well No : 30 39 23246 Eff Date : 08-01-1997 WC Status : A  
 Pool Idn : 39189 LINDRITH GALLUP-DAKOTA, WEST  
 OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
 Prop Idn : 21977 MCCRODEN A

Well No : 006  
 GL Elevation: 7192

U/L Sec Township Range North/South East/West Prop/Act (P/A)  
 -----  
 B.H. Locn : M 9 25N 03W FTG 352 F S FTG 939 F W P  
 Lot Identifier:  
 Dedicated Acre:  
 Lease Type : F  
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.  
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD 03/29/04 08:09:48  
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPQZ  
 Page No : 1

API Well No : 30 39 23246 Eff Date : 04-30-1991  
 Pool Idn : 39189 LINDRITH GALLUP-DAKOTA, WEST  
 Prop Idn : 21977 MCCRODEN A Well No : 006  
 Spacing Unit : 2198 OCD Order : Simultaneous Dedication:  
 Sect/Twp/Rng : 9 25N 03W Acreage : 0.00 Revised C102? (Y/N) :  
 Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	K	9	25N	03W	40.00	N	FD		
	L	9	25N	03W	40.00	N	FD		
	M	9	25N	03W	40.00	N	FD		
	N	9	25N	03W	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll  
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD : ONGARD 03/29/04 08:10:19  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPQZ  
 Page No: 1

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
 Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST  
 API Well No : 30 39 23246 Report Period - From : 01.1993 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 23246	MCCRODEN A	08 97 31	1002 151	F
30 39 23246	MCCRODEN A	09 97 30	494	F
30 39 23246	MCCRODEN A	10 97 31	372	A
30 39 23246	MCCRODEN A	11 97 30	501 254	P
30 39 23246	MCCRODEN A	12 97 31	522 66	P
30 39 23246	MCCRODEN A	01 98 31	276	P
30 39 23246	MCCRODEN A	02 98 28	1074 281	P

Reporting Period Total (Gas, Oil) : -----

M0025: Enter PF keys to scroll  
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD  
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well

03/29/04 08:10:27  
 OGOMES -TPQZ  
 Page No: 2

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION

Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST

API Well No : 30 39 23246 Report Period - From : 01 1993 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 23246	MCCRODEN A	03 98 31	1093 271 130	P
30 39 23246	MCCRODEN A	04 98 30	1010 188 80	P
30 39 23246	MCCRODEN A	05 98 31	977 140 50	P
30 39 23246	MCCRODEN A	06 98 30	965 158 110	P
30 39 23246	MCCRODEN A	07 98 31	934 110 199	P
30 39 23246	MCCRODEN A	08 98 31	688 199 105	P
30 39 23246	MCCRODEN A	09 98 30	914 105	P

Reporting Period Total (Gas, Oil) : -----

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

03/29/04 08:10:29  
OGOMES -TPQZ  
Page No: 3

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST  
API well No : 30 39 23246 Report Period - From : 01 1993 To : 01 2004

API well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 23246	MCCRODEN A	10 98 31	1084	164 P
30 39 23246	MCCRODEN A	11 98 30	990	129 P
30 39 23246	MCCRODEN A	12 98 31	663	82 P
30 39 23246	MCCRODEN A	01 99 31	770	124 P
30 39 23246	MCCRODEN A	02 99 28	1006	150 P
30 39 23246	MCCRODEN A	03 99 31	995	151 P
30 39 23246	MCCRODEN A	04 99 30	960	134 P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

03/29/04 08:10:30  
OGOMES -TPQZ  
Page No: 4

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST  
API Well No : 30 39 23246 Report Period - From : 01 1993 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY	Prod	Gas	Oil	Water	Well Stat
30 39 23246	MCCRoden A	05 99	30	920	130	80	P
30 39 23246	MCCRoden A	06 99	30	840	121		P
30 39 23246	MCCRoden A	07 99	31	578	10	40	P
30 39 23246	MCCRoden A	08 99	31	1119	234		P
30 39 23246	MCCRoden A	09 99	31	791	48		P
30 39 23246	MCCRoden A	10 99	31	872	177	80	P
30 39 23246	MCCRoden A	11 99	31	958	163	80	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

03/29/04 08:10:31  
OGOMES -TPQZ  
Page No: 5

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION

Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST

API Well No : 30 39 23246 Report Period - From : 01 1993 To : 01 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30	39 23246 MCCRODEN A	12 99	31	927	120	80	P
30	39 23246 MCCRODEN A	01 00	31	735	68		P
30	39 23246 MCCRODEN A	02 00	29	889	120		P
30	39 23246 MCCRODEN A	03 00	31	544	29		P
30	39 23246 MCCRODEN A	04 00	30	769	100		P
30	39 23246 MCCRODEN A	05 00	31	940	150	40	P
30	39 23246 MCCRODEN A	06 00	30	721	67	80	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

03/29/04 08:10:33  
OGOMES -TPQZ  
Page No: 6

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST  
API Well No : 30 39 23246 Report Period - From : 01 1993 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 23246	MCCRoden A	07 00 30	933 115	P
30 39 23246	MCCRoden A	08 00 31	1060 125	P
30 39 23246	MCCRoden A	09 00 30	932 179	P
30 39 23246	MCCRoden A	10 00 31	960 168	P
30 39 23246	MCCRoden A	11 00 30	939 185	P
30 39 23246	MCCRoden A	12 00 31	977 180	P
30 39 23246	MCCRoden A	01 01 31	975 112	P
30 39 23246	MCCRoden A		40	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12



CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

03/29/04 08:10:34  
OGOMES -TPQZ  
Page No: 7

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST  
API Well No : 30 39 23246 Report Period - From : 01 1993 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 23246	MCCRoden A	02 01 28	884 115	P
30 39 23246	MCCRoden A	03 01 31	923 202	P
30 39 23246	MCCRoden A	04 01 30	927 118	P
30 39 23246	MCCRoden A	05 01 31	943 40	P
30 39 23246	MCCRoden A	06 01 30	885 103	P
30 39 23246	MCCRoden A	07 01 31	915 4	P
30 39 23246	MCCRoden A	08 01 31	977 239	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/Well

OGOMES -TPQZ  
Page No: 8

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST  
API Well No : 30 39 23246 Report Period - From : 01 1993 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 23246	MCCRoden A	09 01 30	1002	101
30 39 23246	MCCRoden A	10 01 31	769	112
30 39 23246	MCCRoden A	11 01 30	914	135
30 39 23246	MCCRoden A	12 01 31	864	123
30 39 23246	MCCRoden A	01 02 31	1006	106
30 39 23246	MCCRoden A	02 02 28	922	146
30 39 23246	MCCRoden A	03 02 31	995	180
30 39 23246	MCCRoden A			80

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/Well

03/29/04 08:10:43  
OGOMES -TPQZ  
Page No: 9

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION

Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST

API Well No : 30 39 23246 Report Period - From : 01 1993 To : 01 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30	39 23246 MCCRODEN A	04 02	30	994	86		P
30	39 23246 MCCRODEN A	05 02	30	960	107	60	P
30	39 23246 MCCRODEN A	06 02	30	737	18		P
30	39 23246 MCCRODEN A	07 02	31	525			P
30	39 23246 MCCRODEN A	08 02	31	457			P
30	39 23246 MCCRODEN A	09 02	30	517			P
30	39 23246 MCCRODEN A	10 02	31	794	144		P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

03/29/04 08:10:44  
OGOMES -TPQZ  
Page No: 10

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST  
API Well No : 30 39 23246 Report Period - From : 01 1993 To : 01 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well Stat
		MM/YY	Prod	Gas	Oil	Water	
30 39 23246	MCCRODEN A	11 02	30	908	68	80	P
30 39 23246	MCCRODEN A	12 02	31	380	91	30	P
30 39 23246	MCCRODEN A	01 03	31	1105	270	140	P
30 39 23246	MCCRODEN A	02 03	28	819			P
30 39 23246	MCCRODEN A	03 03	31	859	278		P
30 39 23246	MCCRODEN A	04 03	30	891	25	40	P
30 39 23246	MCCRODEN A	05 03	31	918	151		P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

03/29/04 08:10:45  
OGOMES -TPQZ  
Page No: 11

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 39189 LINDRITH GALLUP-DAKOTA, WEST  
API Well No : 30 39 23246 Report Period - From : 01 1993 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 23246	MCCRODEN A	06 03 30	896 115	P
30 39 23246	MCCRODEN A	07 03 31	923 82	P
30 39 23246	MCCRODEN A	08 03 31	973 65	P
30 39 23246	MCCRODEN A	09 03 30	922 134	P
30 39 23246	MCCRODEN A	10 03 31	482 17	P
30 39 23246	MCCRODEN A	11 03 30	404	P
30 39 23246	MCCRODEN A	12 03 31	407	P
Reporting Period Total (Gas, Oil) :		64466	8793	2380

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ Gallup-Dakota ☒ SINGLE ☐ MULTIPLE ☐

2. NAME OF OPERATOR  
Union Texas Petroleum Corporation  
3. ADDRESS OF OPERATOR  
P. O. Box 808, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 352 ft./South line and 939 ft./West 1/4  
At proposed prod. zone  
Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
10 miles Northwest of Lindreth, New Mexico

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any) 352 ft. 352 ft.

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
1859 ft. 8250'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7192' GR  
SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0# K-55	300'	250 cu. ft. (circulated)
7-7/8"	4-1/2"	11.6# K-55	8250'	2850 cu. ft. (circulated)

We desire to drill 12-1/4" surface hole to approx. 300 ft. using natural mud as a circulating medium. Run new 8-5/8", 24.0#, K-55 casing to TD. Cement with approx. 250 cu. ft. Class "B" cement circulated to surface. Pressure test the casing. Drill 7-7/8" hole to TD of approx. 8250 ft. using a permaloid non-dispersed mud as the circulating medium. Log the well. Run new 4-1/2", 11.6#, K-55 casing to TD with DV tool at approx. 2150 ft. Cement first stage with approx. 1400 cu. ft. of 65/35/6 followed by 275 cu. ft. 50/50 Poz. Cement second stage with approx. 1100 cu. ft. 65/35/12 Poz circulated to surface. Drill out the DV tool and pressure test the casing. Perforate and fracture the Dakota and Gallup zones. Clean the well up. Run new 2-3/8" EUE, 4.7#, J-55 tubing to the Dakota zone. Run rod pump and rods. Set a pumping unit and tanks. Test the well and connect to a gathering system.

The gas from this well has previously been dedicated to a transporter.

NOTE: Actual cement volumes to be calculated from caliper log.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED W. K. Cooper TITLE Field Operations Manager DATE May 26, 1983  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.  
SF 079609  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
McCroden "A"  
9. WELL NO.  
6  
10. FIELD AND POOL, OR WILDCAT  
Ojito Gallup-Dakota Ext.  
11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
Sec. 9, T-25N, R-3W, N.M.P.M.  
12. COUNTY OR PARISH  
Rio Arriba  
13. STATE  
New Mexico

RECEIVED  
MAY 31 1983  
U.S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

This action is subject to administrative appeal pursuant to 30 CFR 230.

AMCO

*Geni Lino*

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-7

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

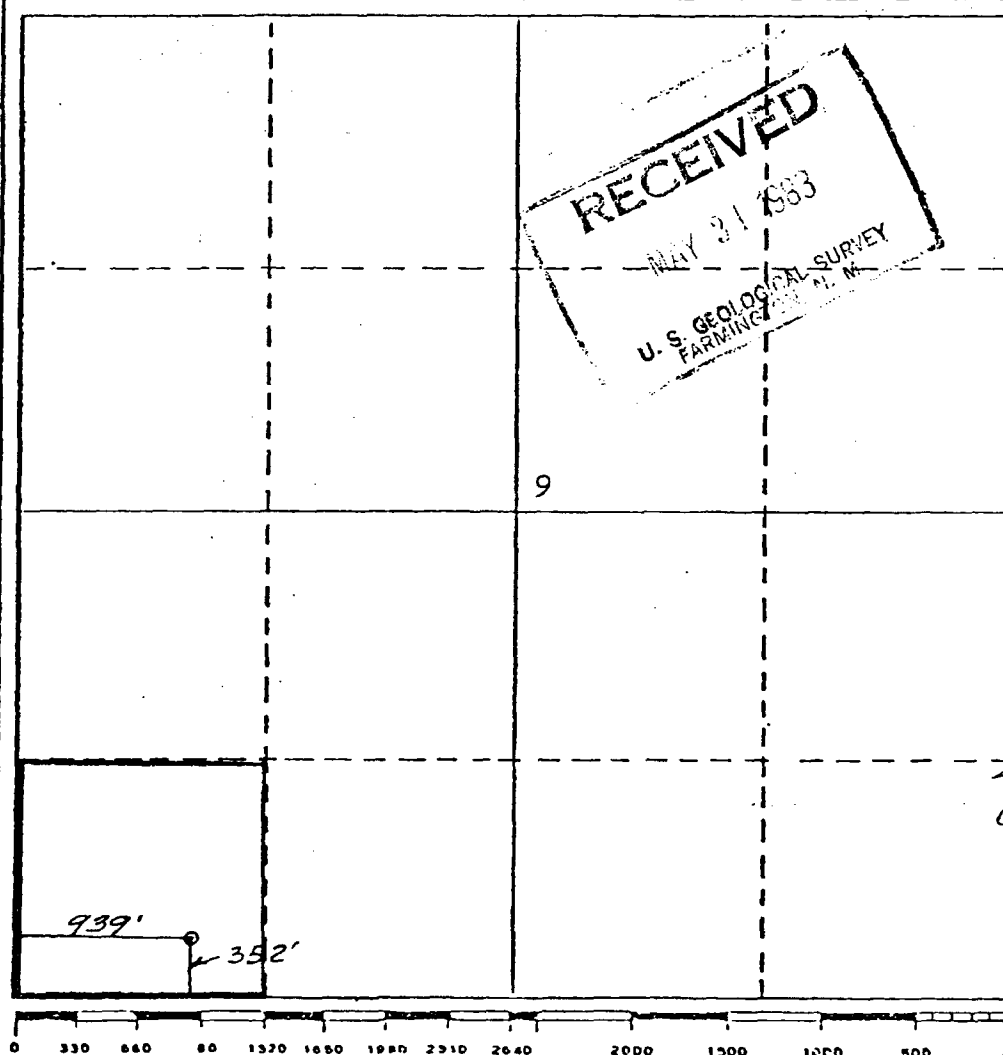
Operator <b>UNION TEXAS PETROLEUM CORPORATION</b>			Lease <b>MCCRODEN "A"</b>		Well No. <b>6</b>
Unit Letter <b>M</b>	Section <b>9</b>	Township <b>25 NORTH</b>	Range <b>3 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <b>352</b> feet from the <b>SOUTH</b> line and <b>939</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>7192</b>	Producing Formation <b>Gallup-Dakota</b>		Pool <b>Ojito Gallup-Dakota Ext.</b>		Dedicated Acreage: <b>SW SW 40.00</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 \_\_\_\_\_**OIL CON. DIV.**  
**DIST. 3**

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 Division



## CERTIFICATION

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

Name

Rudy D. Motto

Position

Area Operations Manager

Company

Union Texas Petroleum Corp.

Date

April 29, 1983

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

April 21, 1983

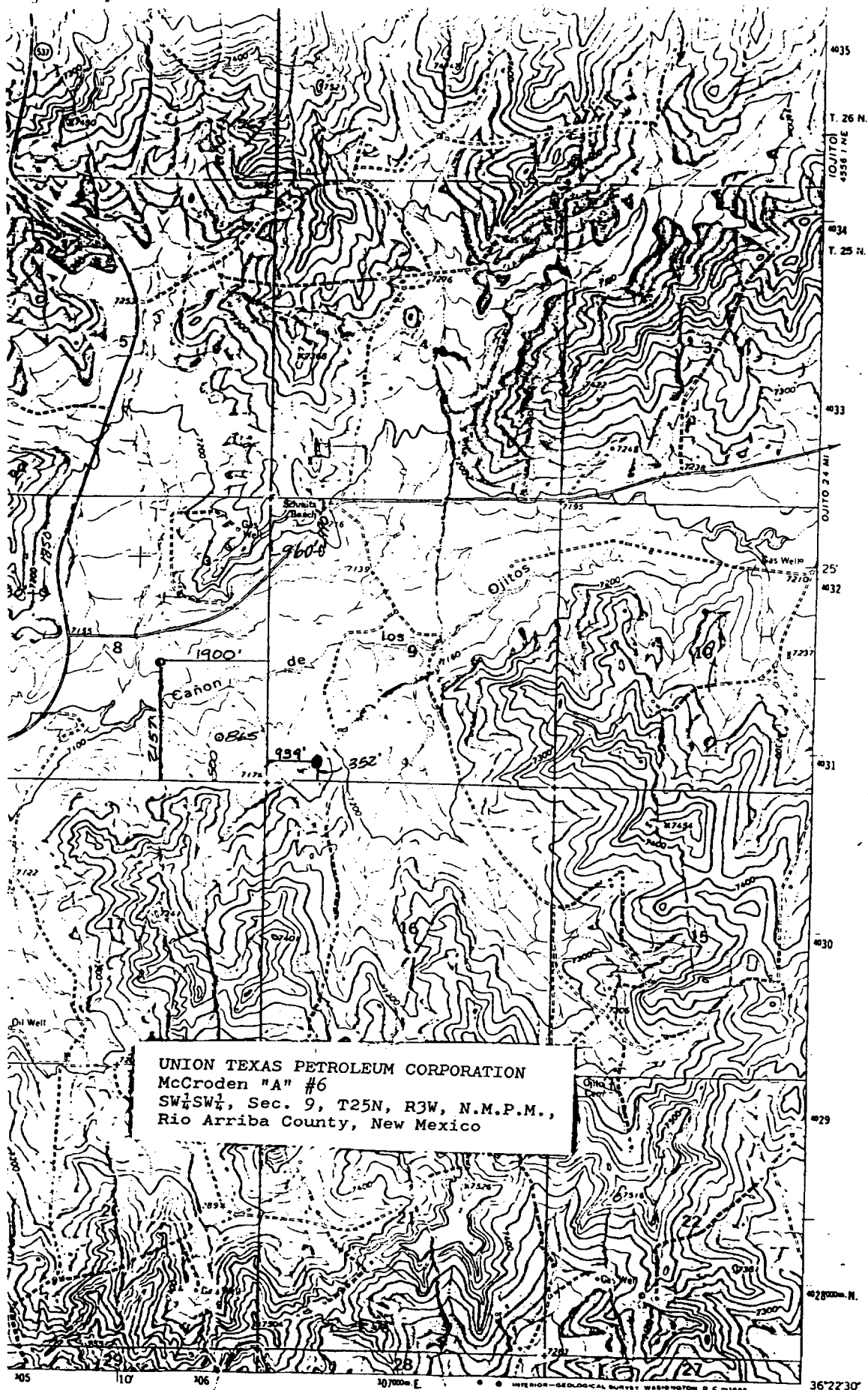
Registered Professional Engineer  
and/or Land Surveyor

Michael Daly

Certificate No.

5992

UNION TEXAS PETROLEUM CORPORATION  
 McCroden "A" #6  
 SW $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 9, T25N, R3W, N.M.P.M.,  
 Rio Arriba County, New Mexico



ROAD CLASSIFICATION  
 Medium duty ————  
 Light duty - - - - -  
 Unimproved dirt . . . . .

116.5  
 119.5



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐  
2. NAME OF OPERATOR  
Union Texas Petroleum Corporation  
3. ADDRESS OF OPERATOR  
P. O. Box 808, Farmington, N.M. 87499  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 352 ft./South; 939 ft./West  
AT TOP PROD. INTERVAL: Same as above  
AT TOTAL DEPTH: Same as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Spud and Cased Surface	<input type="checkbox"/>	<input type="checkbox"/>

5. LEASE  
SF 079609  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
  
7. UNIT AGREEMENT NAME  
  
8. FARM OR LEASE NAME  
McCroden "A"  
9. WELL NO.  
6  
10. FIELD OR WILDCAT NAME  
Ojito Gallup-Dakota Ext.  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 9, T-25N, R-3W, N.M.P.M.  
12. COUNTY OR PARISH  
Rio Arriba  
13. STATE  
New Mexico  
14. API NO.  
  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7204' R.K.B.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

1. Spud 12-1/4" surface hole at 12:00 Midnight on 8-15-83.
2. Drilled 12-1/4" hole to TD of 310' R.K.B.
3. Ran 7 joints 8-5/8", 24.0#, K-55 casing and set at 309' R.K.B.
4. Cemented 8-5/8" with 295 cu. ft. C1 B w/2% CaCl<sub>2</sub> and 1/4# Celloflake. Cement circulated. Wait on cement.
5. Pressure tested to 1500 PSI. Held OK.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED J. A. Edmister TITLE Engr. Analyst DATE 9-16-83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

SEP 21 1983

FARMINGTON RESOURCE AREA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR

Union Texas Petroleum

3. ADDRESS OF OPERATOR

P.O. Box 1290, Farmington, New Mexico 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 352 ft/South; 939 ft/West

AT TOP PROD. INTERVAL: Same as above

AT TOTAL DEPTH: Same as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

(other) Ran and cemented casing

5. LEASE

SF 079609

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McCroden A

9. WELL NO.

6

10. FIELD OR WILDCAT NAME

Ojito Gallup-Dakota Ext.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 09, T25N-R3W NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

7204 RKB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

1. Drilled 7-7/8" hole to TD of 8200' on 9-16-83
2. Ran 200 joints 4-1/2" 11.6# K-55 casing and set at 8159' RKB with DV tools at 3888' & 6395' RKB.
3. Cemented first stage with 742 cu.ft. 50/50 POZ w/2% gel, 10# salt, 1/4# cello-flake, and 0.75% FLA per sack followed by 59 cu.ft. CL "B". Cemented second stage with 1343 cu.ft. 65/35 POZ w/6% gel, 10# gilsonite, 1/4# celloflake, and .75% FLA per sack followed by 59 cu.ft. CL "B". Cemented third stage with 2201 cu.ft. 65/35 POZ with 12% gel, 12-1/2# gilsonite, and 1/4# celloflake per sack followed by 59 cu.ft. CL "B". Circulated cement. Wait on cement.

(OVER)

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED

J.A. Edmister

TITLE

Engineering Analyst

DATE

October 10, 1983

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

OCT 26 1983

\*See Instructions on Reverse Side

NMOCG

FARMINGTON RESOURCE AREA

BY

Simms

## Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1981 O - 347-166

4. Clean out casing to 8159'.
5. Pressure tested to 3500 PSI. Held OK.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. Oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR  
Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 1290, Farmington, New Mexico 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 352' FSL; 939' FWL  
AT TOP PROD. INTERVAL: Same as above  
AT TOTAL DEPTH: Same as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) Correct casing depth ☐

5. LEASE

SF 079609

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McCroden A.

9. WELL NO.

6

10. FIELD OR WILDCAT NAME

Ojito Gallup-Dakota-Ext.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 9, T25N-R3W. NMPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7192'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED

DEC 09 1983

BUREAU OF LAND MANAGEMENT

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state proposed work, 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.)\*

The depth of the 4-1/2" casing was reported inaccurately on a previous Sundry Notice. The casing is set at 8200' not 8159' RKB.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

Set @ \_\_\_\_\_ Ft.

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

SIGNED J. A. Edmister Engineering Analyst

J. A. Edmister

TITLE

DATE

December 6, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITION OR APPROVAL IF ANY \_\_\_\_\_

TITLE

DATE

ACCEPTED FOR RECORD

DEC 13 1983

OIL CON. DIV. I  
DIST 3

\*See Instructions on Reverse Side

NMOCC

RV

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐  
well well

2. NAME OF OPERATOR  
Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR  
P.O. Box 1290, Farmington, New Mexico 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 352' FSL; 939' FWL  
AT TOP PROD. INTERVAL: Same as above  
AT TOTAL DEPTH: Same as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) Perforations ☐

SUBSEQUENT REPORT OF:

☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

5. LEASE:  
SF 079609

6. IF INDIAN, ALLOTTEE OR TRIBE NAME.

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
McCroden A

9. WELL NO.  
6

10. FIELD OR WILDCAT NAME  
Ojito Gallup Dakota Ext.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 9, T25N-R3W NMPM

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7192' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

Perforations for the Dakota and Graneros are 8106'-8084' with 1 shot every 2' for a total of 12 shots and 7958,54,50,48,44,40; 7936 for 7 more shots for a total of 19 shots.

Perforations for the Greenhorn are 7890,86,80,77,74,70,66,63,60,56,53,48,43,39,34,17; 7797,83,71,68 for a total of 21 shots.

Perforations for the Lower Gallup are 7596,66,57,48,27,24,10; 7395,60,43,30,23,16,08,01; 7292,75,70,58,52,41,37,31,22,15 for a total of 25 shots.

Perforations for the Upper Gallup are 7151,47,43,38,34,14,10,06; 7080,76,72,56,52,44,40,33,14,03; 6972,63,57,52,43,30,23 for a total of 25 shots.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED J. A. Edmister TITLE Engineering Analyst DATE December 16, 1983  
J. A. Edmister

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

OIL CON. DIV.  
DIST. 3

NMOCC

ACCEPTED FOR RECORD

DEC 20 1983

FARMINGTON FIELD OFFICE AREA

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R215.5.

5. LEASE DESIGNATION AND SERIAL NO.

SF 079609

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ REPERFORATION ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

8. FARM OR LEASE NAME

McCroden A

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Ojito Gallup Dakota Ext.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 9, T25N-R3W NMPM

2. NAME OF OPERATOR

Union Texas Petroleum Corporation

3. ADDRESS OF OPERATOR

P.O. Box 1290, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 352' FSL; 939' FWL

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO.

DATE ISSUED

DEC 09 1983

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED

8-15-83

16. DATE T.D. REACHED

9-16-83

17. DATE COMPL. (Ready to prod.)

10-14-83

18. ELEVATIONS (DT, RKB, RT, GR, ETC.)\*

7204' RKB

19. ELEV. CASING HEAD

7192' GR

20. TOTAL DEPTH, MD &amp; TVD

8200'

21. PLUG, BACK T.D., MD &amp; TVD

8159'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-8200'

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

8106'-8084' Dakota 7890'-7768' Greenhorn

7958'-36' Graneros 7596'-7215' Gallup 7151'-6923' Gallup

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

I-SFL, CNL-LDT

27. WAS WELL CORED

No

28. 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"	24.0	309'	12 1/2"	295 cu.ft.	
4 1/2"	11.6	8200'	7-7/8"	4463 cu.ft. (3stage)	
(See Attachment)					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8011'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

8106'-8084'	12 Shots
7958'-36'	7 Shots
7890'-7768'	21 Shots
7596'-7215'	25 Shots
7151'-6923'	25 Shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8106'-7936'	See Attachment
7890'-7768'	See Attachment
7596'-7215'	See Attachment
7151'-6923'	See Attachment

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10-19-83	Pumping	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-10-83	24	1-3/8"	→	67	176	19	2627

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
40	180	→	67	176	19	41°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented (to be sold)

TEST WITNESSED BY

John Rector

35. LIST OF ATTACHMENTS

Cementing and Stimulation Records

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

J. A. Edmister

TITLE

Engineering Analyst

DATE

December 6, 1983

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

FARMINGTON RESOURCE AREA

BY

S.M.

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Socks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS	
SHOW ALL INTERVAL ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVAL; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTS, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				
FORMATION	TOP	BOTTOM	NAME	MEAN DEPTH
			TRUE VERT. DEPTH	
			Ojo Alamo	3355
			Kirtland	3455
			Fruitland	3560
			Pictured Cliffs	3720
			Lewis	3780
			Chacra	4620
			Cliff House	5340
			Point Lookout	5880
			Mancos	6010
			Gallup	6920
			Greenhorn	7760
			Graneros	7900
			Dakota	8080

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

NO. OF COPIES RECEIVED	
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U.S.G.A.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
FORMATION OFFICE	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator  
Union Texas Petroleum Corporation

Address  
P. O. Box 1290, Farmington, New Mexico 87499

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain)
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Confinement Gas	

☐ Dry Gas  
☐ Condensate

If change of ownership give name  
and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name McCroden "A"	Well No. 6	Pool Name, including Formation Ojito Gallup Dakota Ext.	Kind of Lease State, Federal or Fee	Lease No. Fed. SF 079609
Location				
Unit Letter M	352	Feet From The South	Line and 939	Feet From The West
Line of Section 9	Township 25N	Range 3W	NMPM,	Rio Arriba 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"/>	Address (Give address to which approved copy of this form is to be sent)
Gary Energy Corporation	P. O. Box 489, Bloomfield, N.M. 87413
Name of Authorized Transporter of Confinement Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Union Texas Petroleum Corporation	P. O. Box 1290, Farmington, N.M. 87499
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rgs. Is gas actually connected? When
M 9 25N 3W No	

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.

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.

Kenneth E. Roddy  
Kenneth E. Roddy (Signature)  
Area Production Superintendent  
(Title)  
10/2/84  
(Date)

OIL CONSERVATION DIVISION  
APPROVED NOV 01 1984 19  
BY Frank T. Dwyer  
TITLE SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III and VI (as changes of owner, well name or number, or transporter or other back-checking of condition).  
Separate Forms C-104 must be filed for each pool in multiply completed wells.



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FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

**NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

**I. OPERATOR**

Union Texas Petroleum Corporation

Address  
P. O. Box 1290, Farmington, New Mexico 87499

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

Other (Please explain)

If change of ownership give name and address of previous owner

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name McCroden "A"	Well No. 6	Pool Name, including Formation Ojito Gallup - Dakota Ext.	Kind of Lease State, Federal or Fee Fed. SF	Lease No. 079609
Location				
Unit Letter M	352	Feet From The South	Line and 939	Feet From The West
Line of Section 9	Township 25N	Range 3W	, NMPM, Rio Arriba 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"/>	Address (Give address to which approved copy of this form is to be sent)
Plateau, Inc.	P. O. Box 489, Bloomfield, N.M. 87413
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Union Texas Petroleum Corporation	P. O. Box 1290, Farmington, N.M. 87499
If well produces oil or liquids, give location of tanks.	is gas actually connected? When
Unit Sec. Twp. Rge. M 9 25N 3W	No

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'ty.	Diff. Res'ty.
	XX		XX					
Date Spudded 8/15/83	Date Compl. Ready to Prod. 10/14/83	Total Depth 8200	F.B.T.D. 8159					
Elevations (DF, RAB, RT, CR, etc.) 7204 R.K.B.	Name of Producing Formation Gallup - Dakota	Top Oil/Gas Pay 6923	Tubing Depth 8011					
Perforations 6923 - 8106			Depth Casing Shoe 8200					
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12-1/4"	8-5/8", 24.00#	309	295 cu. ft.					
7-7/8"	4-1/2", 11.60#	8200	4463 cu. ft. (3 stages)					
	2-3/8", E.U.E., 4.70#	8011						

**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 St. Run To Tanks 11/2/83	Date of Test 11/10/83	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24 hours	Tubing Pressure 40	Casing Pressure 180	Choke Size 1-3/8"
Actual Prod. During Test 67 bbls. of oil	Oil-Bbls. 67	Water-Bbls. 19	Gas-MCF 176

**GAS WELL**

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

**VI. CERTIFICATE OF COMPLIANCE**

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

Kenneth E. Roddy  
Kenneth E. Roddy (Signature)  
Area Production Superintendent  
(Title)  
4/2/84  
(Date)

**OIL CONSERVATION COMMISSION**

APPROVED APR 1 1984, 19  
BY Original Signed by Kenneth E. Roddy  
TITLE SUPERVISOR DISTRICT #3

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiply completed wells.

**OIL CONSERVATION DIVISION  
Deviation Tabulation Report**

UNION TEXAS PETROLEUM CORPORATION		McCrodan "A" 6	9	25N	3W
Operator	Well Name	No.	Sec.	Twp.	Rge.

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
310	1/2°	7523	1/2°
2415	3/4°	7939	3/4°
2590	1/2°	8200	3/4°
3483	1°		
3590	1°		
4680	3/4°		
5200	3/4°		
5807	3/4°		
6171	1°		
6550	1/2°		
7059	1/2°		

*Kenneth E. Roddy*  
Area Production Superintendent

STATE OF NEW MEXICO )  
                                  ) ss  
COUNTY OF SAN JUAN )

On this 2nd day of April, 1984, before as personally appeared Kenneth E. Roddy, to me known to be the person described in

and who executed the foregoing instrument and acknowledged that the executed the same as his free act and deed.

IN WITNESS WHEREOF, I have set my hand and seal of office on this 2nd day of April, 1984.

*Barbara A. Leman*  
Notary Public in and for  
San Juan County, New Mexico

My Commission Expires:

March 5, 1986

RECEIVED

APR 4 1984

OIL CON. DIV.  
DIST. 3

Submit 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

I. Operator Union Texas Petroleum Corporation Well API No. \_\_\_\_\_

Address P.O. Box 2120 Houston, Texas 77252-2120

Reason(s) for Filing (Check proper box) Change in Transporter of:  
New Well ☐ Oil ☒ Dry Gas ☐  
Recompletion ☐ Changehead Gas ☐ Condensate ☐  
Change in Operator ☐

If change of operator give name and address of previous operator \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name McCroden "A" Well No. 6 Pool Name, including Formation LINDRUM (Gallup-Dakota) WEST Kind of Lease State, Federal or Fee Lease No. SF079609

Location Unit Letter M Foot From The \_\_\_\_\_ Line and \_\_\_\_\_ Foot From The \_\_\_\_\_ Line  
Section 9 Township 25N Range 3W NMPM RIO ARRIBA County \_\_\_\_\_

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐  
Meridian Oil Inc. Address (Give address to which approved copy of this form is to be sent)  
P.O. Box 4299, Farmington, NM 87499  
Name of Authorized Transporter of Changehead Gas ☐ or Dry Gas ☒  
Union Texas Petroleum Corp. Address (Give address to which approved copy of this form is to be sent)  
P.O. Box 2120, Houston, TX 77252-2120  
If well produces oil or liquids, give location of tanks. Unit Sec. Twp. Rge. 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	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (piston, 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 Annette C. Bisby  
Printed Name Annette C. Bisby Env. & Reg. Sec'y Title \_\_\_\_\_  
Date 08-09-89 Telephone No. (713) 968-4012

OIL CONSERVATION DIVISION

Date Approved AUG 28 1989

By [Signature]  
Title SUPERVISION DISTRICT # 3

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 well in multiple recompleted wells.

NAME OF WELL	
DISTRIBUTION	
DATE	
NO. OF OFFICE	
REPORTER	
DATE	
CREATING OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2022  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Union Texas Petroleum Corporation

P. O. Box 1290, Farmington, New Mexico 87499

Reason(s) for filing (Check proper box)

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

Other (Please explain)

Address of ownership give name  
address of previous owner

DESCRIPTION OF WELL AND LEASE

Well Name	Well No.	Pool Name, including Formation	Kind of Lease	Federal	Lease No.
McCroden "A"	6	Ojito Gallup Dakota <del>SEE</del>	State, Federal or Free	SF	079609

Unit Number M : 352 Feet From The South Line and 939 Feet From The West

Line of Section 9 Township 25N Range 3W , NMPM, Rio Arriba County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

or of Authorized Transporter of Oil ☒ or Condensate ☐  
Conoco, Inc. Surface Transportation Address (Give address to which approved copy of this form is to be sent)  
P. O. Box 1429, Bloomfield, N.M. 87413

or of Authorizing Transporter of Casinghead Gas ☒ or Dry Gas ☐  
Union Texas Petroleum Corporation Address (Give address to which approved copy of this form is to be sent)  
P. O. Box 1290, Farmington, N.M. 87499

Well produces oil or Natural Gas	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
Location of well	M	9	25N	3W	Yes	11/1/84

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

RE: Complete Parts IV and V on reverse side if necessary.

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.

Kenneth E. Roddy  
Kenneth E. Roddy (Signature)  
Area Production Superintendent  
(Title)  
11/26/85  
(Date)

OIL CONSERVATION DIVISION

APPROVED [Signature] 11/26/85  
BY [Signature]  
TITLE SUPERVISOR DISTRICT #3

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

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

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

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

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

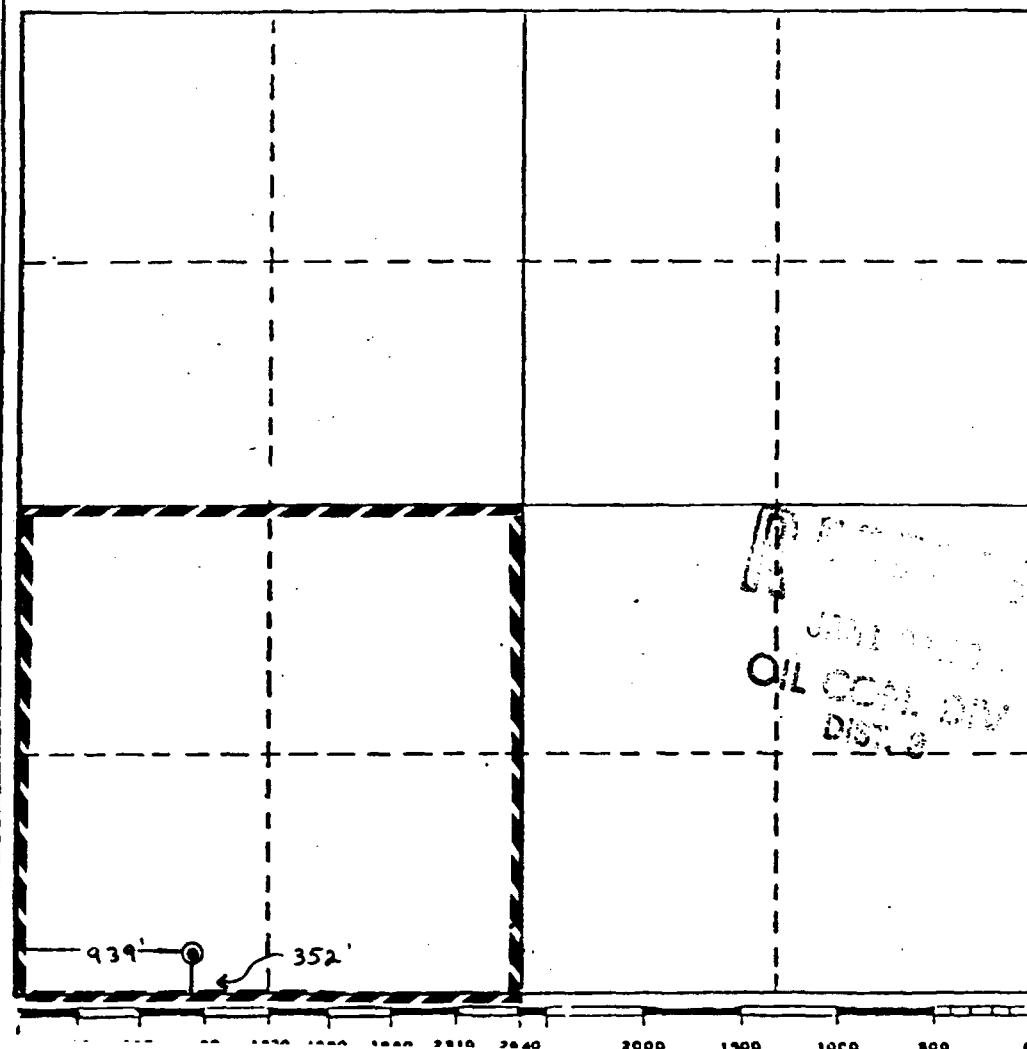
Operator Union Texas Petroleum			Lease McCroden A		Well No. 6
Unit Letter M	Section 9	Township 25 North	Range 3 West	County Rio Arriba	
Actual Footage Location of Well: 352 feet from the South line and 939 feet from the West line					
Ground Level Elev. 7192	Producing Formation Gallup/Dakota		Pool West Lindrith	Dedicated Acreage: SW/4 160.00 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 Division.



CERTIFICATION

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

*Robert C. Frank*

Name  
Robert C. Frank  
Position  
Permit Coordinator  
Company  
Union Texas Petroleum  
Date  
January 15, 1988

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.

Original on file

Date Surveyed  
Registered Professional Engineer and/or Land Surveyor

Certificate No.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
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FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATION	
PRODUCTION OFFICE	

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

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS  
**RECEIVED**  
**APR 18 1988**  
**OIL CON. DIV.**  
**DIST. 3**

I.

Operator  
Union Texas Petroleum

Address  
375 US Highway 64, Farmington, NM 87401

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate	
<input type="checkbox"/> Change in Ownership			

Other (Please explain)  
From Oil to Gas-Dak  
Pool change per NMOCD  
R-85244

If change of ownership give name  
and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name McCroden A	Well No. 6	Pool Name, including Formation West Lindrith Gallup Dakota	Kind of Lease State, Federal or Fee Fed	Lease No. SF-079609
Location				
Unit Letter M	352	Feet From The South	Line and 939	Feet From The West
Line of Section 9	Township 25N	Range 3W	NMPM, Rio Arriba	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"/> Conoco, Inc. Surface Transportation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1429, Bloomfield, Nm 87413					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> Union Texas Petroleum	Address (Give address to which approved copy of this form is to be sent) 375 US Highway 64, Farmington, NM 87401					
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 9	Twp. 25N	Rge. 3W	Is gas actually connected? Yes	When

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.

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.

Permit Coordinator

April 7, 1988

(Title)

(Date)

OIL CONSERVATION DIVISION

APPROVED APR 18 1988, 19\_\_\_\_  
BY [Signature]  
TITLE SUBDIVISION DISTRICT # 3

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deep 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 a able on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of oil well name or number, or transporter, or other such change of condi  
Separate Forms C-104 must be filed for each pool in mul completed wells.

#### 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 (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 Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

#### GAS WELL

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

Submit 3 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT III  
1000 Rio Brava Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator <b>MERIDIAN OIL INC.</b>	Well API No.
Address <b>P. O. Box 4289, Farmington, New Mexico 87499</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Casinghead Gas <input checked="" type="checkbox"/> Condensate <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	<b>Effect. 6/23/90</b>
If change of operator give name and address of previous operator <b>Union Texas Petroleum Corporation, P. O. Box 2120, Houston, TX 77252-2120</b>	

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>McCRODEN "A"</b>	Well No. <b>6</b>	Pool Name, including Formation <b>LINDRITH, GALLUP-DAKOTA W.</b>	Kind of Lease State, Federal or Fee	Lease No. <b>SF079609</b>
Location				
Unit Letter <b>M</b>	<b>352</b>	Foot From The <b>S</b>	Line and <b>939</b>	Foot From The <b>W</b>
Section <b>9</b>	Township <b>25N</b>	Range <b>3W</b>	<b>NMPM</b>	<b>RIO ARRIBA</b>
			County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <b>Meridian Oil Inc.</b>	<input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 4289, Farmington, NM 87499</b>				
Name of Authorized Transporter of Casinghead Gas <b>Union Texas Petroleum Corp.</b>	<input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 2120, Houston, TX 77252-2120</b>				
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twsp.	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			F.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	<b>RECEIVED</b> Gas-MCF JUL 3 1990
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	<b>OIL CON. DIV.</b> City of Santa Fe <b>DIST. 3</b>
Testing Method (pilot, 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.

*Leslie Kahwajy*  
Signature  
**Leslie Kahwajy** 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 #3**

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.



District I  
P.O. Box 1960, Hobbs, NM 88241-1960

District II  
P.O. Drawer 100, Artesia, NM 88211-0719

District III  
1099 Rio Brazos Rd., Aztec, NM 87410

District IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals, & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

Form C-104

Revised February 21, 1994

Instructions on back  
Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address Burlington Resources Oil & Gas PO Box 4289 Farmington, NM 87499		OGRID Number 14538
		Reason for Filing Code CG - 7/11/96
API Number 30-039-23246	Pool Name LINDRITH GALLUP DAKOTA, WEST	Pool Code 39189
Property Code 007303	Property Name MCCRODEN A	Well Number #6

II. Surface Location

T or lot no. M	Section 9	Township 025N	Range 003W	Lot.Idn	Feet from the 352	North South Line S	Feet from the 939	East West Line W	County RIO ARriba
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Bottom Hole Location

T or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North South Line	Feet from the	East West Line	County
Use Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID 14538	Transporter Name and Address BURLINGTON RESOURCES OIL & GAS PO BOX 4289 FARMINGTON, NM 87499	POD 1320810	O G O	POD U.L.S.T.R. Location and Description M-09-T025N-R003W
9018	GIANT INDUSTRIES 1704 12th Ave. NE Farmington, NM 87401			

IV. Produced Water

POD	POD U.L.S.T.R. Location and Description
-----	---

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules 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: *Dolores Diaz*

OIL CONSERVATION DIVISION

Approved by: Frank T. Chavez

Printed Name:  
Dolores Diaz

Title: District Supervisor

Title:  
Production Associate

Approved Date: July 11, 1996

Date: 7/11/96 Phone: 505.326-9710

If this is a change of operator fill in the OGRID number and name of the previous operator  
14538 Meridian Oil Production

Previous Operator Signature

Printed Name

Title

Date

Signature: *Dolores Diaz*

Dolores Diaz

Production Associate

7/11/96

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
P O 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

Form C-104  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator Name and Address Taurus Exploration U.S.A., Inc. 2101 Sixth Avenue North Birmingham, AL 32503-2784		<sup>2</sup> OGRID Number 162928
		<sup>3</sup> Reason for Filing Code CO - 8/1/97
<sup>4</sup> API Number 30-039-23246	<sup>5</sup> Pool Name LINDRITH GALLUP DAKOTA, WEST	<sup>6</sup> Pool Code 39189
<sup>7</sup> Property Code 007303	<sup>8</sup> Property Name MCCRODEN A	<sup>9</sup> Well Number #6

II. <sup>10</sup> Surface Location

UT or lot no. M	Section 9	Township 025N	Range 003W	Lot.Idn	Feet from the	North South Line S	Feet from the	East/West Line W	County RIO ARriba
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<sup>11</sup> Bottom Hole Location

UT or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North South Line	Feet from the	East/West Line	County
<sup>12</sup> Use Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID 14538	<sup>19</sup> Transporter Name and Address BURLINGTON RESOURCES OIL & GAS 5051 WESTHEIMER SUITE 1400 HOUSTON, TX 77056-2124	<sup>20</sup> POD 1320810	<sup>21</sup> O/G O	<sup>22</sup> POD ULSTR Location and Description M-09-T025N-R003W
9018	Giant Industries 5764 US Hwy 64 Farmington, NM 87401			

IV. Produced Water

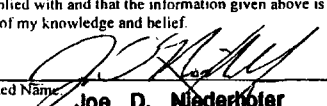
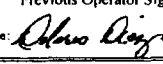
<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PHTD	<sup>29</sup> Perforations
<sup>30</sup> Hole Size	<sup>31</sup> Casing & Tubing Size	<sup>32</sup> Depth Set	<sup>33</sup> Sacks Cement	

VI. Well Test Data

<sup>34</sup> Date New Oil	<sup>35</sup> Gas Delivery Date	<sup>36</sup> Test Date	<sup>37</sup> Test Length	<sup>38</sup> Tbg. Pressure	<sup>39</sup> Csg. Pressure
<sup>40</sup> Choke Size	<sup>41</sup> Oil	<sup>42</sup> Water	<sup>43</sup> Gas	<sup>44</sup> AOF	<sup>45</sup> Test Method

<sup>46</sup> I hereby certify that the rules 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.		OIL CONSERVATION DIVISION	
Approved by: 		Title: SUPERVISOR DISTRICT #3	
Printed Name: Joe D. Niederhoffer		Approved Date: AUG 12 1997	
Title: General Manager - San Juan Basin			
Date: 7/15/97		Phone: (205) 326-2710	
<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator			
14538 Burlington Resources Oil & Gas Co.			
Previous Operator Signature	Printed Name	Title	Date
Signature: 	Dolores Diaz	Production Associate	8/1/97

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  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
**2040 South Pacheco**  
**Santa Fe, NM 87505**

Form C-104  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address ENERGEN RESOURCES CORPORATION 2198 Bloomfield Hwy Farmington NM 87401		<sup>2</sup> OGRID Number 162928
		<sup>3</sup> Reason for Filing Code CH 10-1-98
<sup>4</sup> API Number 30-0 30-039-23246	<sup>5</sup> Pool Name W LINDRITH GALLUP DAKOTA	<sup>6</sup> Pool Code 39189
<sup>7</sup> Property Code 21977	<sup>8</sup> Property Name MCCRODEN A	<sup>9</sup> Well Number 6

**II. <sup>10</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	09	25N	03W		352	S	939	W	RA

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description

RECEIVED  
SEP 22 1998  
OIL CON. DIV.  
DIST. 3

**IV. Produced Water**

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description

**V. Well Completion Data**

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBTB	<sup>29</sup> Perforations	<sup>30</sup> DHC, DC, MC
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		

**VI. Well Test Data**

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method

<sup>47</sup> I hereby certify that the rules 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:  
Printed name:  
Original signed by Joe Niederhofer  
Title:  
General Manager  
Date: 17-Sep-98 Phone: 505-325-6800

**OIL CONSERVATION DIVISION**

Approved by: *[Signature]*  
SUPERVISOR DISTRICT #3

Title:  
Approval Date: OCT 1 1998

<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature		Printed Name	Title
		Taurus Exploration U.S.A., Inc. #162928	1-Oct-98

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-103  
Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-039-23246
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator ENERGEN RESOURCES CORPORATION		6. State Oil & Gas Lease No. NMSF 079609
3. Address of Operator 2198 Bloomfield Highway, Farmington, NM 87401		7. Lease Name or Unit Agreement Name: McCroden A
4. Well Location Unit Letter M : 352 feet from the South line and 939 feet from the West line Section 9 Township 25N Range 3W NMPM County Rio Arriba		8. Well No. 6
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 7192' GR		9. Pool name or Wildcat Blanco MV/ W. Lindrith GL-Dk

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: Pay Add & Downhole Commingle <input checked="" type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

12. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

In accordance to case 12346, Order # R-11363, It is intended to downhole commingle the Blanco MV(72319) and the W. Lindrith GL-Dk (39189).

MV perforations 5730-6100' Est., GL-DK perforations 6923-8106'.

Current Rates: MV- Not yet completed. GL/DK- 18 MCED & 4 BO. Recommended allocation- Subtraction method following 60 days of stabilized production. Rates reported to NMCD-Aztec for final determination.

The BLM has been notified of this pay add via Form 3160-5.

All formation fluids are compatible and no loss of production will result by commingling.

All working interest, overriding and royalty interests are identical in this wellbore.

DWC 1381A2

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

SIGNATURE Charlie Donahue TITLE District Engineer DATE 12/23/03

Type or print name Charlie Donahue Telephone No. 505-325-6800

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. IV DATE JAN - 2 2004

Conditions of approval, if any:

CMD : ONGARD 03/29/04 08:12:22  
 OG6IWCMD INQUIRE WELL COMPLETIONS OGOMES -TPQZ

API Well No : 30 39 23493 Eff Date : 01-24-2003 WC Status : A  
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
 Prop Idn : 21977 MCCRODEN A

Well No : 007  
 GL Elevation: 7252

U/L Sec Township Range North/South East/West Prop/Act (P/A)  
 -----  
 B.H. Locn : P 9 25N 03W FTG 890 F S FTG 790 F E P  
 Lot Identifier:  
 Dedicated Acre: 320.00  
 Lease Type : F  
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD  
OG6ACRE C102-DEDICATE ACREAGE

03/29/04 08:12:27  
OGOMES -TPQZ  
Page No : 1

API Well No : 30 39 23493 Eff Date : 04-30-1991  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
Prop Idn : 21977 MCCRODEN A  
Spacing Unit : 35325 OCD Order :  
Sect/Twp/Rng : 9 25N 03W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
I	9	25N	03W	40.00	N	FD			
J	9	25N	03W	40.00	N	FD			
K	9	25N	03W	40.00	N	FD			
L	9	25N	03W	40.00	N	FD			
M	9	25N	03W	40.00	N	FD			
N	9	25N	03W	40.00	N	FD			
O	9	25N	03W	40.00	N	FD			
P	9	25N	03W	40.00	N	FD			

E0005: Enter data to modify or PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/WELL

03/29/04 08:12:35  
OGOMES -TPQZ  
Page No: 1

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 23493 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30	39 23493	01 03	31	763			F
30	39 23493 MCCRODEN A	02 03	28	5633		37	F
30	39 23493 MCCRODEN A	03 03	31	5415			F
30	39 23493 MCCRODEN A	04 03	30	4730		74	F
30	39 23493 MCCRODEN A	05 03	31	4948		295	F
30	39 23493 MCCRODEN A	06 03	30	5099		74	F
30	39 23493 MCCRODEN A	07 03	31	5058		37	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 03/29/04 08:12:38  
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well OGOMES -TPQZ  
 Page No: 2

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 API Well No : 30 39 23493 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 23493	MCCRODEN A	08 03 31	5000	74 F
30 39 23493	MCCRODEN A	09 03 30	4781	74 F
30 39 23493	MCCRODEN A	10 03 31	4324	F
30 39 23493	MCCRODEN A	11 03 30	3992	74 F
30 39 23493	MCCRODEN A	12 03 31	3882	F

Reporting Period Total (Gas, Oil) : 53625 739

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12



CMD : ONGARD 03/29/04 08:11:17  
OG6IWCW INQUIRE WELL COMPLETIONS OGOMES -TPQZ

API Well No : 30 39 24059 Eff Date : 08-01-1997 WC Status : S  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
Prop Idn : 21977 MCCRODEN A

Well No : 008  
GL Elevation: 7150

U/L Sec Township Range North/South East/West Prop/Act (P/A)  
-----  
B.H. Locn : N 9 25N 03W FTG 1120 F S FTG 1737 F W P  
Lot Identifier:  
Dedicated Acre: 320.00  
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 :  
OG6ACRE

ONGARD  
C102-DEDICATE ACREAGE

03/29/04 08:11:23  
OGOMES -TPQZ  
Page No : 1

API Well No : 30 39 24059 Eff Date : 04-30-1991  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
Prop Idn : 21977 MCCRODEN A  
Spacing Unit : 35325 OCD Order :  
Sect/Twp/Rng : 9 25N 03W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
I	9	25N	03W	40.00	N	FD			
J	9	25N	03W	40.00	N	FD			
K	9	25N	03W	40.00	N	FD			
L	9	25N	03W	40.00	N	FD			
M	9	25N	03W	40.00	N	FD			
N	9	25N	03W	40.00	N	FD			
O	9	25N	03W	40.00	N	FD			
P	9	25N	03W	40.00	N	FD			

E0005: Enter data to modify or PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/WELL

03/29/04 08:11:31  
OGOMES -TPQZ  
Page No: 1

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 24059 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 39 24059	MCCRODEN A	01 03 31	1214	F
30 39 24059	MCCRODEN A	02 03 28	1117	F
30 39 24059	MCCRODEN A	03 03 31	1300	F
30 39 24059	MCCRODEN A	04 03 30	1447	F
30 39 24059	MCCRODEN A	05 03 31	1520	F
30 39 24059	MCCRODEN A	06 03 30	1407	F
30 39 24059	MCCRODEN A	07 03 31	1302	F
				80 F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/WELL

03/29/04 08:11:34  
OGOMES -TPQZ  
Page No: 2

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 24059 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/yy Prod	Production Volumes Gas Oil Water	Well Stat	
30 39 24059	MCCRODEN A	08 03 31	1387	20	F
30 39 24059	MCCRODEN A	09 03 30	1386		F
30 39 24059	MCCRODEN A	10 03 31	1659		F
30 39 24059	MCCRODEN A	11 03 30	1336	5	F
30 39 24059	MCCRODEN A	12 03 31	1209	7	F

Reporting Period Total (Gas, Oil) : 16284 51 260

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 03/29/04 08:11:46  
 OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TPQZ

API Well No : 30 39 24184 Eff Date : 08-01-1997 WC Status : A  
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
 Prop Idn : 21977 MCCRODEN A

Well No : 008A  
 GL Elevation: 7204

U/L Sec Township Range North/South East/West Prop/Act (P/A)  
 -----  
 B.H. Locn : J 9 25N 03W FTG 1850 F S FTG 1844 F E P  
 Lot Identifier:  
 Dedicated Acre: 320.00  
 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 :  
OG6ACRE

ONGARD  
C102-DEDICATE ACREAGE

03/29/04 08:11:52  
OGOMES -TPQZ  
Page No : 1

API Well No : 30 39 24184 Eff Date : 04-30-1991  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
Prop Idn : 21977 MCCRODEN A  
Spacing Unit : 35325 OCD Order :  
Sect/Twp/Rng : 9 25N 03W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
I	9	25N	03W	40.00	N	FD			
J	9	25N	03W	40.00	N	FD			
K	9	25N	03W	40.00	N	FD			
L	9	25N	03W	40.00	N	FD			
M	9	25N	03W	40.00	N	FD			
N	9	25N	03W	40.00	N	FD			
O	9	25N	03W	40.00	N	FD			
P	9	25N	03W	40.00	N	FD			

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/WELL

03/29/04 08:11:59  
OGOMES -TPQZ  
Page No: 1

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 24184 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well Stat
		MM/YY	Prod	Gas	Oil	Water	
30	39 24184 MCCRODEN A	01 03	31	2983		620	F
30	39 24184 MCCRODEN A	02 03	28	2431	22	270	F
30	39 24184 MCCRODEN A	03 03	31	2485		300	F
30	39 24184 MCCRODEN A	04 03	30	2022			F
30	39 24184 MCCRODEN A	05 03	31	3037		600	F
30	39 24184 MCCRODEN A	06 03	30	2771		340	F
30	39 24184 MCCRODEN A	07 03	31	2000			F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

03/29/04 08:12:03  
OGOMES -TPQZ  
Page No: 2

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 39 24184 Report Period - From : 01 2003 To : 01 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 24184 MCCRODEN A	08 03 31	2555	52 280 F
30	39 24184 MCCRODEN A	09 03 30	2898	29 320 F
30	39 24184 MCCRODEN A	10 03 31	2767	460 F
30	39 24184 MCCRODEN A	11 03 30	2795	260 F
30	39 24184 MCCRODEN A	12 03 31	2608	320 F

Reporting Period Total (Gas, Oil) : 31352 103 3770

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 9228  
Order No. R-8544

THE APPLICATION OF THE OIL CONSERVATION  
DIVISION UPON ITS OWN MOTION FOR AN  
ORDER ABOLISHING AND EXTENDING CERTAIN  
POOLS IN RIO ARriba AND SANDOVAL COUNTIES,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on October 15, 1987, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 19th day of November, 1987, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) Geologic and engineering testimony and exhibits show that the producing areas described as the Ojito Gallup-Dakota Oil Pool and the West Lindrith Gallup-Dakota Oil Pool are one common source of supply.

(3) The Ojito Gallup-Dakota Oil Pool is spaced at one well per forty (40) acres; however, with the exception of the E/2 NE/4 of Section 1, Township 25 North, Range 3 West, it has been developed on one well per one hundred sixty (160) acres. The West Lindrith Gallup-Dakota Oil Pool is spaced at one well per one hundred sixty (160) acres.

(4) Geological and engineering testimony and exhibits show that one well will efficiently drain one hundred sixty (160) acres in the Ojito Gallup-Dakota and in the West Lindrith

Gallup-Dakota Oil Pools, and that drilling and spacing units of one hundred sixty (160) acres will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

(5) Additional lands not now included in either oil pool but which geologic and engineering testimony and exhibits show will probably be productive from the same common source of supply are described as follows:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Section 11: All  
Section 12: SW/4 and E/2  
Sections 13 and 14: All  
Section 23: SW/4 and E/2  
Sections 24 through 26: All  
Section 34: S/2  
Sections 35 and 36: All

(6) Lands currently included in the Ojito Gallup-Dakota Oil Pool, the West Lindrith Gallup-Dakota Oil Pool, and those lands listed in Finding No. (5) above should all be included in the West Lindrith Gallup-Dakota Oil Pool.

(7) The drilling and spacing units should consist of approximately one hundred sixty (160) acres or one governmental quarter section or lots corresponding thereto, and these provisions will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(a) The Ojito Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico, consisting of the following described area:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Sections 1 through 10: All  
Section 12: NW/4  
Sections 15 through 18: All  
Section 19: NE/4  
Section 20: N/2  
Section 21: NW/4 and W/2 NE/4

is hereby abolished.

(b) The West Lindrith Gallup-Dakota Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, as heretofore classified,

defined, and described, is hereby extended to include therein:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM

Sections 1 through 18: All  
Section 19: NE/4  
Section 20: N/2  
Section 21: N/2  
Section 23: NE/4 and S/2  
Sections 24 through 26: All  
Section 34: S/2  
Sections 35 and 36: All

(c) The proper drilling and spacing units for wells in the West Lindrith Gallup-Dakota Oil Pool shall consist of approximately one hundred sixty (160) acres or one governmental quarter section or lots corresponding thereto.

IT IS FURTHER ORDERED THAT:

(1) Pursuant to Section 70-2-18, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division shall subject the well to cancellation of allowable.


(2) The effective date of this order and all abolishments and extensions included herein shall be December 1, 1987.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

WILLIAM R. HUMPHRIES, Member

  
ERLING A. BROSTUEN, Member

  
WILLIAM J. LEMAY, Chairman and  
Secretary

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 4703  
Order No. R-4314

APPLICATION OF CONTINENTAL OIL  
COMPANY FOR SPECIAL POOL RULES,  
RIO ARriba COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 5, 1972, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 31st day of May, 1972, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Continental Oil Company, seeks the promulgation of special rules and regulations for the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, including provisions for 160-acre spacing and proration units, oil well and gas well classification, and a gas-oil ratio limitation of 10,000 cubic feet of gas per barrel of oil.
- (3) That the applicant has established that one well in the West Lindrith Gallup-Dakota Oil Pool can efficiently and economically drain and develop 160 acres.
- (4) That there is no necessity for the special classification of oil and gas wells as requested by the applicant.
- (5) That there is no necessity for the adoption of a gas-oil ratio limitation in excess of 2,000 cubic feet of gas per barrel of oil.
- (6) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, special rules and regulations providing for 160-acre spacing units should be promulgated for the West Lindrith Gallup-Dakota Oil Pool.

(7) That the special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

(8) That the special rules and regulations for the West Lindrith Gallup-Dakota Oil Pool should apply only to wells located within the horizontal limits of said pool.

IT IS THEREFORE ORDERED:

That, effective July 1, 1972, Special Rules and Regulations for the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County New Mexico, are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS  
FOR THE  
WEST LINDRITH GALLUP-DAKOTA OIL POOL

RULE 1. Each well completed or recompleted in the West Lindrith Gallup-Dakota Oil Pool shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 160 acres, more or less, substantially in the form of a square, which is a quarter section being a legal subdivision of the United States Public Land Surveys.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit consisting of less than 160 acres or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. Each well shall be located no nearer than 330 feet to the outer boundary of the proration unit or to any governmental quarter-quarter section line nor nearer than 660 feet to the nearest well drilling to or capable of producing from the same pool.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION ON ITS MOTION TO AMEND  
THE SPECIAL POOL RULES FOR THE  
WEST LINDRITH GALLUP-DAKOTA OIL  
POOL, RIO ARriba AND SANDOVAL  
COUNTIES, NEW MEXICO;

CASE NO. 9226  
CASE NO. 9227  
Order No. R-4314-A

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION ON ITS MOTION TO AMEND  
THE SPECIAL POOL RULES FOR THE  
GAVILAN-MANCOS OIL POOL, RIO  
ARRIBA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

These consolidated cases came on for hearing at 9:00 a.m. on November 19, 1987, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 7th day of January, 1988, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Commission has jurisdiction of these causes, the parties and the subject matter thereof.

(2) In Case 9226 the Oil Conservation Division on its own motion seeks to amend the Special Pool Rules for the West Lindrith Gallup-Dakota Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, as promulgated by Division Order No. R-4314, to reconsider the well location requirements poolwide, to restate the allowable in the pool

to reflect the daily oil allowable for a 160-acre unit in the depth range of this pool to 382 BOPD as promulgated by Division General Rule 505, and to create a buffer zone in those sections that adjoin the Gavilan-Mancos Oil Pool to the east (Sections 1, 12, 13, 24, 25 and 36, Township 25 North, Range 3 West, Rio Arriba County) with any additional provisions which may be necessary and/or advisable to protect correlative rights along the common boundary of the two pools.

(3) In Case 9227 the Oil Conservation Division seeks on its own motion to amend the Special Pool Rules for the Gavilan-Mancos Oil Pool in Rio Arriba County, New Mexico, as promulgated by Division Order No. R-7407, as amended, to create a buffer zone utilizing those existing proration units in Sections 5, 6, 7, 8, 17, 18, 19, 20, 29, 30, 31, and 32, Township 25 North, Range 2 West, that adjoin the West Lindrith Gallup-Dakota Oil Pool with any additional provisions which may be necessary and/or advisable to protect correlative rights along the common boundary of the two pools.

(4) On June 27, 1987, by Order R-8188-A, the Commission formed the Northeast Ojito Gallup-Dakota Oil Pool out of the Ojito Gallup-Dakota Oil Pool so that the southern boundary of the Northeast Ojito Gallup-Dakota Oil Pool was contiguous with part of the northern boundary of the Ojito Gallup-Dakota Oil Pool.

(5) By Order R-8544, entered on November 19, 1987, the Commission in Case 9228 abolished the Ojito Gallup-Dakota Oil Pool which had been spaced on 40-acre statewide spacing and proration units and extended the West Lindrith Gallup-Dakota Oil Pool which is spaced on 160-acre spacing and proration units and now adjoins the Northeast Ojito Gallup-Dakota Oil Pool.

(6) As a result of the entry of Order R-8544, the West Lindrith Gallup-Dakota Oil Pool was expanded so that its eastern boundary became contiguous with the western boundary of the Gavilan-Mancos Oil Pool which has special pool rules, including restricted allowables, 640-acre spacing and well locations no closer than 790 feet to the outer boundary of a spacing and proration unit.

(7) Geologic testimony and evidence indicate that while the Mancos formation in the western portion of the Gavilan-Mancos Oil Pool is in fact the same common source of supply as the Gallup formation in the West Lindrith and Northeast Ojito Pools, the quality and intensity of the fracture system in the Gavilan-Mancos Oil Pool diminishes to the west indicating that production in West Lindrith Pool may be less enhanced by natural fracturing.

(8) The engineering evidence indicated producing characteristics between typical wells in each pool are such that differences in allowables for wells in the respective pools will not cause violation of correlative rights.

(9) Present data is insufficient to determine if future wells drilled in the West Lindrith boundary area will be capable of draining any portion of the Gavilan-Mancos Oil Pool.

(10) The 160-acre gas limit for West Lindrith covers both Gallup (Mancos) and Dakota production and is 764 MCF (4.775 MCF/per acre) per day while the 640-acre gas limit for Gavilan, which covers Mancos only, is 480 MCF (0.75 MCF per acre) per day creating a difference in gas limits between the two pools of 2576 MCF (4.025 MCF per acre) per day per 640-acre tract.

(11) The testimony indicated there are no wells currently producing in the West Lindrith Pool boundary area that are capable of producing a 160-acre gas limit, however the area is sparsely developed at this time.

(12) Among the issues to be considered by the Commission was the creation of a buffer zone between the two pools and the adoption of a buffer gas allowable for those spacing units in each pool within approximately one-half mile of the common boundary.

(13) Average production per well in both West Lindrith and Gavilan Pools are well below the top allowable rate but individual well production varies greatly and the area of the common boundary is still under development.



(14) At least one well in the proposed Gavilan Mancos Buffer Zone area is capable of producing in excess of the current top allowable and an increased allowable in the Gavilan boundary area may result in a violation of correlative rights within the Gavilan-Mancos Oil Pool.

(15) Although the Dakota formation is produced in conjunction with the Gallup formation throughout the West Lindrith Pool and contributes significant production in part of the West Lindrith Pool, testing to date of the Dakota formation in the boundary area of both pools indicates that the Dakota formation in the boundary area is of marginal productivity and therefore the Gallup section provides the majority of oil and gas production.

(16) The difference in gas limits between West Lindrith Pool and Gavilan-Mancos Pool currently has no adverse effect on correlative rights across the common pool boundary because there are no wells in the West Lindrith boundary area that are capable of producing the gas limit rate; however, the potential for disparate withdrawals exists for future wells.

(17) The evidence shows that no adjustment to allowables is necessary at this time but provisions should be made for timely adjustments in allowables should future development so warrant.

(18) Because of the fact that the source of supply in the Gallup (Mancos) formation is common between West Lindrith, Northeast Ojito and Gavilan and there is a large disparity in per-acre allowables between Gavilan on the one hand and West Lindrith and Northeast Ojito on the other hand, and further because the location requirements for wells in West Lindrith differs from that in both Gavilan and Northeast Ojito, and in fact all other 160-acre spaced pools in this area, it is necessary, in order to prevent waste and protect correlative rights, to formulate special rules for any West Lindrith well to be drilled within a one-half mile pool boundary area which rules should include the following:

(a) That no well completed or recompleted in the West Lindrith Pool shall be drilled closer than 790 feet to the pool boundary unless there is a direct producing offset well located closer than 790 feet.

(b) Should any West Lindrith well in the one-half mile buffer area adjacent to Gavilan be capable of producing at per-acre rates comparable to Gavilan Mancos top allowable wells, the production from said well shall be presumed to be from the Gallup interval unless the operator of said well performs testing to establish the relative contributions of the Gallup and Dakota intervals. Should the district supervisor find that producing rates from the Gallup interval in said well will adversely affect correlative rights across the common pool boundary, or cause waste, the Division may establish a reduced allowable in said well to protect correlative rights or prevent waste until the Division, after notice and hearing on the earliest docket date, acts to establish an appropriate allowable for the well or for all wells in the one-half mile buffer area. Such reduced allowable shall be no less than the average per acre gas limit for the two pools, currently  $\frac{1}{2}$  (4.775 + 0.75) = 2.7625 MCFPD per acre.

(19) Rule 6 of the special pool rules for the West Lindrith Gallup-Dakota Oil Pool should be restated to assign the depth bracket allowable at 382 barrels of oil to a standard 160-acre proration unit in accordance with current General Rule 505.

(20) The application in Case 9227 should be dismissed without prejudice.

IT IS THEREFORE ORDERED THAT:

(1) The application in Case 9227 is dismissed without prejudice.

(2) Effective January 1, 1988, the Special Rules for the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, are hereby amended to read as follows:

SPECIAL RULES FOR THE  
WEST LINDRITH GALLUP-DAKOTA OIL POOL

RULE 1. Each well completed or recompleted in the West Lindrith Gallup-Dakota Oil Pool or within one mile thereof and not closer to another Gallup-Dakota pool shall be spaced, drilled, operated, and produced in accordance with the Special Rules hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 160 acres, more or less, substantially in the form of a square, which is a quarter-section being a legal subdivision of the United States Public Land Surveys.

RULE 3. The Director of the Division may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit consisting of less than 160 acres or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Director has received the application.

RULE 4. Each well shall be located no nearer than 330 feet to the outer boundary of the proration unit or to any governmental quarter-quarter section line nor nearer than 660 feet to the nearest well drilling to or capable of producing from the same pool; provided however,

a. A boundary area is hereby created consisting of a band one-half mile wide extending from the pool boundary to a line one-half mile inside said boundary.

b. No well completed or recompleted in said boundary area shall be drilled closer than 790 feet to the pool boundary nor closer than 130 feet to the interior quarter-quarter section line unless a direct

offset producing well is located closer than 790 feet to the pool boundary in which case the West Lindrith Well could be drilled as close to the boundary as the offset well.

c. No well completed or recompleted in the Gallup-Dakota interval outside but within one mile of the West Lindrith pool boundary and not within a mile of another pool containing the same, or part of the same, vertical interval shall be drilled closer than 790 feet to the quarter-section line nor closer than 130 feet to the interior quarter-quarter section line.

d. Any well which on the effective date of this order is completed in or drilling to the West Lindrith Gallup-Dakota Oil Pool at an unorthodox location under these rules is hereby granted an exception thereto.

RULE 5. The Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application upon receipt of written waivers or if no objection to the unorthodox location has been entered within 20 days after the Director has received the application.

RULE 6. A standard proration unit (158 through 162 acres) shall be assigned a depth bracket allowable of 382 barrels of oil per day and in the event there is more than one well on a 160-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 160 acres.

RULE 7. The limiting gas-oil ratio for the West Lindrith Gallup-Dakota Oil Pool shall be 2000 cubic feet of gas per barrel of oil produced.

RULE 8. a. In the event any West Lindrith well located in the boundary area described in rule 4(a) above offsets the Gavilan-Mancos Pool, the production from said well shall be presumed to be entirely from the Gallup (Mancos) interval unless the operator of said well demonstrates through testing to the satisfaction of the Division's district supervisor the proportional contributions of the Gallup and Dakota intervals.

b. In the event a well drilled in the boundary area offsetting the Gavilan-Mancos Pool indicates the capacity to produce at rates greater on a per-acre basis than the top allowable rates of a Gavilan-Mancos well the Division is hereby authorized to reduce the gas limit of said well to a rate which will protect correlative rights or prevent waste which limit shall continue in effect until the Division, after notice and hearing at the earliest hearing docket thereafter, enters an order establishing an appropriate allowable for said well or for all wells in said portion of the boundary area. Said interim gas limit shall not be less than the average of the per-acre gas limits of the Gavilan Mancos and West Lindrith Pools which currently is  $\frac{1}{2} (4.775 + 0.75) = 2.7625$  MCFPD per acre.

IT IS FURTHER ORDERED THAT:

(3) The locations of all wells presently drilling to or completed in the West Lindrith Gallup-Dakota Oil Pool are hereby approved; the operator of any well having an unorthodox location shall notify the Aztec District Office of the Division in writing of the name and location of the well on or before February 1, 1988.

(4) Pursuant to Section 70-2-18 contained in Chapter 271, Laws of 1969, existing wells in the West Lindrith Gallup-Dakota Oil Pool shall have dedicated thereto 160 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 70-2-18, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereto.

Failure to file new Forms C-102 with the Division dedicating 160 acres to a well or to obtain a non-standard unit approved by the Division within 60 days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the West Lindrith Gallup-Dakota Oil Pool shall receive no more than one-fourth of a standard allowable for the pool.

(5) Jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



WILLIAM R. HUMPHRIES, Member



ERLING A. BROSTUEN, Member



WILLIAM J. LEMAY,  
Secretary and Chairman

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STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED  
BY THE OIL CONSERVATION DIVISION ON  
ITS OWN MOTION TO AMEND THE SPECIAL POOL  
RULES FOR THE WEST LINDRITH GALLUP-  
DAKOTA OIL POOL, RIO ARRIBA AND  
SANDOVAL COUNTIES, NEW MEXICO;

CASE NO. 9226  
CASE NO. 9227  
ORDER NO. R-4314-A-1

IN THE MATTER OF THE HEARING CALLED  
BY THE OIL CONSERVATION DIVISION ON  
ITS OWN MOTION TO AMEND THE SPECIAL POOL  
RULES FOR THE GAVILAN-MANCOS OIL POOL,  
RIO ARRIBA COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE COMMISSION:

It appearing to the Commission that due to clerical error and inadvertence, Order No. R-4314-A, dated January 7, 1988, does not correctly state the intended order of the Commission:

IT IS THEREFORE ORDERED THAT:

(1) The title portion of the order is corrected to read "ORDER OF THE COMMISSION" and "BY THE COMMISSION."

(2) All references to "Order No. R-4214-A" made in the heading on pages 2 through 9 of said Order No. R-4314-A, are hereby corrected to read "Order No. R-4314-A."

(3) The introductory portion of decretory paragraph No. (2) of said Order No. R-4314-A be and the same is hereby amended to read in its entirety as follows:

"(2) Effective January 1, 1988, Order No. R-4314, dated May 31, 1972 is hereby rescinded and the Special Rules and Regulations for the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, are hereby promulgated, to read in their entirety, as follows:"

Case No. 9226  
Case No. 9227  
Order No. R-4314-A-1

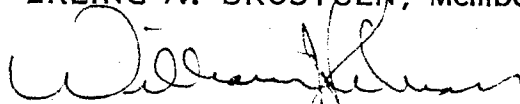
(4) The corrections set forth in this order be entered nunc pro tunc as of January 7, 1988.

DONE at Santa Fe, New Mexico, on this 26th day of January, 1988.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM R. HUMPHRIES, Member

  
ERLING A. BROSTUEN, Member

  
WILLIAM J. LEMAY, Chairman and  
Secretary

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STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

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11-9-25-3 #6

CASE NO. 8148  
Order No. R-7506-A

APPLICATION OF UNION TEXAS  
PETROLEUM CORPORATION FOR  
DOWNHOLE COMMINGLING, RIO  
ARRIBA COUNTY, NEW MEXICO.

NUNC PRO TUNC ORDER

BY THE DIVISION:

It appearing to the Division that Order No. R-7506,  
dated April 20, 1984, does not correctly state the intended  
order of the Division,

IT IS THEREFORE ORDERED:

(1) That Finding No. (2) on page 1 of Division Order  
No. R-7506 is hereby amended to read in its entirety as  
follows:

"(2) That the applicant, Union Texas Petroleum  
Corporation, is the owner and operator of certain leases  
consisting of the S/2 of Section 3 and all of Section 9,  
Township 25 North, Range 3 West, Rio Arriba County, New  
Mexico."

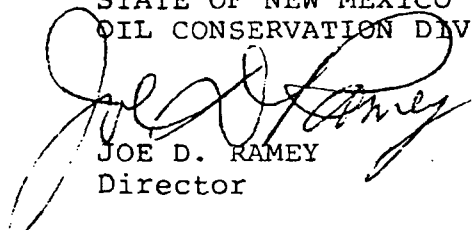
(2) That Order No. (1) on page 2 of Division Order No.  
R-7506 is hereby amended to read in its entirety as follows:

"(1) That the applicant, Union Texas Petroleum  
Corporation, is hereby authorized to commingle Mesaverde,  
Gallup, and Dakota production within the wellbore of wells  
currently drilled or to be drilled on its leases located  
in the S/2 of Section 3 and all of Section 9, all in  
Township 25 North, Range 3 West, NMPM, Rio Arriba County,  
New Mexico."

(3) That the corrections set forth in this order be  
entered nunc pro tunc as of April 20, 1984.

DONE at Santa Fe, New Mexico, on this 25th day of May,  
1984.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY  
Director

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OIL CON. DIV.  
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STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

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OIL CON. DIV.  
DIST. 3

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 8148  
Order No. R-7506

APPLICATION OF UNION TEXAS PETROLEUM  
CORPORATION FOR DOWNHOLE COMMINGLING,  
RIO ARriba COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on April 11, 1984, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 20th day of April, 1984, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Union Texas Petroleum Corporation, is the owner and operator of certain leases consisting of the S/2 of Section 3 and all of Section 10, Township 25 North, Range 3 West, NMPM, Rio Arriba County, New Mexico.

(3) That the applicant seeks authority to commingle Mesaverde, Gallup, and Dakota production within the wellbores of its wells located on said leases.

(4) That from these zones, the subject wells are, or are expected to be, capable of low rates of production only.

(5) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste, and will not violate correlative rights.

(6) That the reservoir characteristics of each of the subject zones are such that underground waste would not be

caused by the proposed commingling provided that any of the commingled wells is not shut-in for an extended period.

(7) That to afford the Division the opportunity to assess the potential for waste and to expeditiously order appropriate remedial action, the operator should notify the Aztec district office of the Division any time any well commingled under terms of this order is shut-in for 7 consecutive days.

(9) That in order to allocate the commingled production to each of the commingled zones in the wells, applicant should consult with the supervisor of the Aztec district office of the Division and determine an allocation formula for each of the production zones.

IT IS THEREFORE ORDERED:

(1) That the applicant, Union Texas Petroleum Corporation, is hereby authorized to commingle Mesaverde, Gallup, and Dakota production within the wellbore of wells currently drilled or to be drilled on its leases located in the S/2 of Section 3 and all of Section 10, all in Township 25 North, Range 3 West, NMPM, Rio Arriba County, New Mexico.

(2) That the applicant shall consult with the Supervisor of the Aztec district office of the Division and determine an allocation formula for the allocation of production to each zone in any well downhole commingled under terms of this order.

(3) That the operator shall immediately notify the Division's Aztec district office any time any well commingled under terms of this order has been shut-in for 7 consecutive days and shall concurrently present, to the Division, a plan for remedial action.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY,  
Director

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