Page: 1 Document Name: untitled	
CMD : ONGARD OG6IWCM INQUIRE WELL COMPLETIONS	03/29/04 08:09:43 OGOMES -TPQZ
API Well No : 30 39 23246 Eff Date : 08-01-1997 Pool Idn : 39189 LINDRITH GALLUP-DAKOTA,WEST OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION Prop Idn : 21977 MCCRODEN A	997 WC Status : A TON
Well No : 006 GL Elevation: 7192	
U/L Sec Township Range North/South	outh East/West Prop/Act(P/A)
B.H. Locn : M 9 25N 03W FTG 352 Lot Identifier: Dedicated Acre:	2 F S FTG 939 F W P
Lease Type : F Type of consolidation (Comm, Unit, Forced Pooling	ng - C/U/F/O) :
E6317: No more recs. for this api well no. PF01 HELP PF02 PF03 EXIT PF04 GoTo PF07 PF08 PF09 PF10 NEXT-W	ell no. GoTo PF05 PF06 NEXT-WC PF11 HISTORY PF12 NXTREC

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i X T T	9 25N 03W 40. 9 25N 03W 40.	S Base U/L Sec Twp Rng Acreage K 9 25N 03W 40.00	Prop Idn : 21977 MCCRODEN A Spacing Unit : 2198 OCD Order : S Sect/Twp/Rng : 9 25N 03W Acreage : 0.00 R Dedicated Land:	NO : 30 39 23246 Eff Date : 04-30-199 : 39189 LINDRITH GALLUP-DAKOTA,WEST	ONGARD C102-DEDICATE ACREAGE	Document Name: untitled
	03W 40.00 03W 40.00	Rng Acreage 	Simultan 0.00 Revised	0ate : 04-30-1991 JP-DAKOTA,WEST		
רי כ	FD	nership Lot Idn  FD	Well No : 006 neous Dedication: C102? (Y/N) :	Page No : 1	09: -TP	

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PF06 CONFIRM	PF06	PF05	PF04 GoTo	scroll EXIT PF0	ter PF keys to PF03 E	M0025: En PF01 HELP PF02
			  	(Gas, Oil)	Period Total	Reporting
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Well Water Stat	n Volumes Oil	i ka Qi			Property Name	'I Well No
I		       (	1 1 1			
0004	1003 TO • 01	· n1	ORP _ IA,	D	: 162928 ENERGEN : 39189 LINDRITH . 30 39 23246 B	OGRID Identifier Pool Identifier
Page No: 1	Pag					
OGOMES -TPQZ	090	POOL/WELL	BY POOL	PRODUCTION	INQUIRE PH	OG6 I PRD
03/29/04 08:10:19	03/29/04			ONGARD		CMD :

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PF07 BKWD

PF08 FWD

PF09

PF10 NXTPOOL PF11 NXTOGD

PF12

E0049: User m PF01 HELP PF02 PF07 BKWD PF08 FWD	Reporting H	30       39       23246       MCCRODEN         30       39       23246       MCCRODEN	CMD: OG6IPRD OGRID Identifier : 162 Pool Identifier : 391 API Well No : 30 API Well No Property
ay continue PF03 EX PF09	Period Total (Gas,	MM/ XX EN A EN A EN A EN A EN A EN A EN A EN A	INQUIRE PRC 928 ENERGEN 89 LINDRITH 39 23246 Re 
scrolling. IT PF04 GoTo PF10 NXTPOOL	0il) :	98 31 98 31 98 30 98 31 98 31 98 31 98 31 98 31 98 31 98 31	DAK
PF05 DOL PF11 NXTC		Gas 1093 1010 977 965 934 688 914	POOL/WELL CORPORATION OTA,WEST d - From : 01 199 d - From : 01 199 Production
PF06 9GD PF12		011 271 188 140 158 110 199 105	) ι ω
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Production Volumes	CMD :ONGARD03/29/04 08:10:29OG61PRDINQUIRE PRODUCTION BY POOL/WELLOGOMES -TPQZPage No: 33
	ifier : 162928 ENERGEN RESOURCES CORPORATION fier : 39189 LINDRITH GALLUP-DAKOTA,WEST : 30 39 23246 Report Period - From : 01 1993 To : 01 2004 Property Name Prodn. Days Production Volumes MM/YY Prod Gas Oil Water
ONGARD INQUIRE PRODUCTION BY POOL/WELL ifier : 162928 ENERGEN RESOURCES CORPORATION fier : 39189 LINDRITH GALLUP-DAKOTA,WEST : 30 39 23246 Report Period - From : 01 1993	

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GoTo PF05 NXTPOOL PF11	         	960	995	1006	770	663	066	80	Gas	Production	
NXTOGD		134	151	150	124	82	129	4	0i1		
 PF06 PF12									     	Volumes	
PF06 CONFIRM PF12			40	80			60		Water 	F       	
RM		ש	ש	Ч	Ъ	ש	Ъ	Ч	stat	Well	

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API Well No       Property Name       Prodn. Days       Production Volumes       MM/YY       Prod       Gas       Oil       Water         30       39       23246       MCCRODEN A       05       99       30       920       130       80         30       39       23246       MCCRODEN A       05       99       30       920       121       80         30       39       23246       MCCRODEN A       07       99       31       578       10       40         30       39       23246       MCCRODEN A       07       99       31       578       10       40         30       39       23246       MCCRODEN A       07       99       31       1119       234         30       39       23246       MCCRODEN A       10       99       31       1119       234         30       39       23246       MCCRODEN A       11       99       31       872       177       80         30       39       23246       MCCRODEN A       11       99       31       958       163       80         30       39       23246       MCCRODEN A       11       99	Page: 1 Document CMD : OG6IPRD OGRID Identifie Pool Identifier API Well No	nt Name: u ier : 16292 er : 39188 : 30	itled QUIRE PRO ENERGEN LINDRITH 23246 Re	BY BY DAK	LL ION	03/29/0 00 Pa 993 To : 0	/29/04 08:10:30 OGOMES -TPQZ Page No: 4 o : 01 2004
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39 23246 MCCRODEN A       11 99 31       958       163         Reporting Period Total (Gas, Oil) :	0 39 2324		10	9 3	872	177	
Reporting Period Total (Gas, Oil) :         E0049: User may continue scrolling.         HELP       PF02       PF03 EXIT       PF04       GoTo       PF05       PF06         BKWD       PF08       FWD       PF09       PF10       NXTPOOL       PF11       NXTOGD       PF12	0 39 2324			9 ω	ப		80
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		נ		DAKOTA,	TH GALLUP-DAKOTA, WEST	: 39189 LINDRIT	l Ide	Ч. Ч.
			ORATION	ES CORF	IN RESOURCES CORPORATION	lier : 162928 ENERGEN	OGRID Identif	Q
σ	Page No:							
- TPQZ	OGOMES -		POOL/WELL	BY POC	PRODUCTION	INQUIRE E	OG6 I PRD	õ
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E0049: User may continue scrolling. PF01 HELP PF02 PF03 EXIT PF04 PF07 BKWD PF08 FWD PF09 PF10

PF04 GoTo PF05 PF10 NXTPOOL PF11 NXTOGD

PF06 CONFIRM PF12 Date: 3/29/2004 Time: 08:11:55 AM

PF07 PF01 ω 0 ω 0 ω 0 ω ω ω 0 ω API API Well No Pool Identifier OG6 I PRD CMD : OGRID Identifier نتi ف ώ Θ ω 9 ω 9 ω 9 ω 9 Well ω 9 BKWD HELP 23246 23246 MCCRODEN A 23246 23246 23246 23246 23246 E0049: User may continue scrolling. No Reporting Period Total (Gas, Oil) MCCRODEN A PF02 MCCRODEN A MCCRODEN A MCCRODEN A MCCRODEN MCCRODEN PF08 FWD Property Name •• ω 0 39189 LINDRITH GALLUP-DAKOTA, WEST 162928 ENERGEN RESOURCES CORPORATION ₽ ⊳ 39 23246 Report Period - From : 01 1993 To : 01 2004 INQUIRE PRODUCTION BY POOL/WELL PF09 PF03 EXIT ONGARD 06 01 80 07 0 ហ 04 03 02 MM/XXProdn. 01 01 01 01 01 01 PF04 GoTo PF10 NXTPOOL PF11 Days ω μ μ ω Prod 31ω 0  $^{\omega}_{1}$ 28 ... 977 915 885 885 943 927 923 884 Gas Production Volumes PF05 NXTOGD 239 103 118 202 115 Oil 4 03/29/04 08:10:34 PF06 **PF12** Page No: 7 OGOMES - TPQZ Water Stat CONFIRM 40 8 0 40 80 Well Ъ Ы שששש ъ

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PF07 PF01 ω ω 0 ω 0 ω ω 0 API ω 0 ω API Well No Pool Identifier OG6 I PRD CMD : OGRID Identifier Well ယ ပ نن ف ω 9 ω 9 ω 9 ယ ω 9 BKWD HELP 23246 MCCRODEN A 23246 23246 23246 23246 23246 23246 E0049: User may continue scrolling. No Reporting Period Total (Gas, Oil) MCCRODEN PF02 MCCRODEN A MCCRODEN MCCRODEN A MCCRODEN MCCRODEN PF08 FWD Property Name 39189 LINDRITH GALLUP-DAKOTA, WEST ω 0 162928 ENERGEN RESOURCES CORPORATION Þ ₽ Þ ⊅ 39 23246 Report Period - From : 01 1993 To : 01 2004 INQUIRE PRODUCTION BY POOL/WELL PF09 PF03 EXIT ONGARD 02 01 12 **Ω**  $\frac{1}{1}$ 60 MM/AA0 Prodn. 02 02 02 01 01 01 01 PF04 GoTo PF10 NXTPOOL PF11 NXTOGD Days Prod  $^{\mathrm{3}}_{\mathrm{1}}$ 2 8  $^{\omega}_{1}$ μ ω 0  $^{\omega}_{1}$ ω 0 ••• 1006 1002 922 864 914 769 366 Gas Production Volumes PF05 180 146 106 Oil 123 135 112 101 03/29/04 08:10:35 PF06 PF12 Page No: 8 OGOMES - TPQZ Water Stat CONFIRM 80 8 0 80 Well ъ Ъ Ю ъ Р שיש

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CMD : OG6IPRD	IN	ONGARD INQUIRE PRODUCTION	ВҮ	POOL/WELL	03/29/04 ( OGOMI	03/29/04 08:10:43 OGOMES -TPQZ
NRID I Ol Id Wel	r : 1629 : 3918 : 30	ENERGEN LINDRITH 23246 Re	RCES Perio	ION : 01	0 	2004
API Well No	Property Name	Pro MM/	dn. Days YY Prod	Productio Gas	ion Volumes Oil W	Water Stat
	MCCRODEN A	04	02 30	994	86	ייייייייייייייייייייייייייייייייייייי
ο ω	MCCRODEN A		ω	0960	107	60 Р
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E0049 PF01 HELP PF07 BKWD	: User may PF02 PF08 FWD	continue scrolling PF03 EXIT PF0 PF09 PF1	PF10 NXTPOOL	 PF05 PF11	PF06 NXTOGD PF12	CONFIRM

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Well Water Stat	on Volumes Oil	Producti Gas	Prodn. Days MM/YY Prod	Name Pr MM	API Well No Property N	ıД
1 2004	1993 To : 01	WEST From : 01	UP-DAKOTA, Period -	LINDRITH 9 23246 Re	Pool Identifier : 39189 API Well No : 30 3	- AP
	-	CORPORATION	RESOURCES CORP	8 ENERGEN	OGRID Identifier : 16292	0
)/04 08:10:44 OGOMES -TPQZ Page No: 10	03/29/04 08: OGOMES Page No	POOL/WELL	ВҮ	ONGARD INQUIRE PRODUCTION	CMD : OG6IPRD J	ло
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We Water St	ion Volume Oil	- du	Prodn. Days MM/YY Prod	Well No Property Name
1 2004	1993 To : 0	CORPORATION OTA,WEST d - From : 01	URCES UP-DAK Perio	RID Identifier : 162928 ENERGEN ol Identifier : 39189 LINDRITH I Well No : 30 39 23246 Re
Page No: 11	Pa		   	
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1377 a 19 MA 19

Form: 9-781 C (Msf 1963)	DEPARTMEN	TED STATES	SUBMIT IN TH (Other instru reverse s	ctions on	30-039-23	nd. 19 No. 42-R1425. 3246 AND BUBIAL NO.
	GEOLO	GICAL SURVEY			SF 079609	·
APPLICATIO	N FOR PERMIT	to drill, deepe	N, OR, PLUG	ACK	6. IF INDIAN, ALLOTTE	GOR TRIBE NAME
1a. TYPE OF WORK	ILL 🛛	DEEPEN Commingle	PLUG BA		7. UNIT AGBEBMENT N	AMB
01 3 0			XXXXX = 1980LTIP	1.0	S. FARM OR LEASE NAT	KB
2. NAME OF OPERATOR					McCroden "A	H
Union Texas	Petroleum Corpo	oration 💦 🖸	IL CON, DIV	in the second	9. WELL NO.	
3. ADDRESS OF OPERATOR			DIST. 3	5	6	
P. O. Box 80	08, Farmington,	New Mexico 874	99		10. FIELD AND POOL, O	R WILDCAT
At surface	•	in accordance with any 8 and 939 ft./West	A CYA	383	11. BC., T., R., M., OR I	LEA
At proposed prod. so		\	1	. av	-2 Sec. 9. T-2	5N, R-3W,
	as above	BEST TOWN OB POST OFFICE		SUN SUN	12. COUNTY OR PABISH	112 0001000
10 miles Nor	thwest of Lindr	eth, New Mexico	GEOLOG	TON	-Rio Arriba	New Mexico
15. DISTANCE FROM PROF LOCATION TO NEARES PROPERTY OR LEASE ) (Also to dearest dr)	T 352 ft. LINE, FT. g. mnit line, if any) 3	52 ft. 6	40.00	17. NO. 01 TO TH 40.0		
OR APPLIED FOR, ON TH	DRILLING, COMPLETED, IIB LEASE, FT. 18	19. PB	0008ED DBPTH	20. ROTAR Rota		
21. ELEVATIONS (Show wh 7192 <sup>1</sup> GR	ether Dr. RI, Gh. ex.)	SUBJECT TO COMPLIANCE General Requirement	S WHE ATACHED	98. s.	22. APPBOX. DATE WO	3
23.		PROPOSED CASING AND				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	epped	UNTITY OF CEMEN	
12-1/4"	8-5/8"	24.0# K-55	300'	250 0	u. ft. (circu	lated)
	4-1/2"	11.6# K-55	8250'	1	<u>u. ft. (circu</u>	

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 BFACE DESCRIBE PROFOSED PROFOSED : If proposal is to deepen or plug back, give data on present productive some 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.

c	NIGCO	
CONDITIONS OF APPROVAL, IF ANY :		Jim Sino
APPROVED BY		DATE
(This space for Federal or State office use)	APPROVAL DATE	
BIGNED WK. Cooper	TITLE Field Operations M	lanager May 26, 1983

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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# OIL CONSERVATION DIVISION P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-7

		All distances must be	from the outer bounds	arles of the Section	l	
Operator			Lease			Well No.
UNION TEXA	AS PETROLEUM	CORPORATION	MCCRODE	N "A"		6
Unit Letter	Section	Township	Range	County		
м	9	25 NORTH	3 WEST	RIO	ARRIBA	
Actual Fostage Loc	ation of Well:					
352	feet from the S	OUTH line and	939	feet from the	WEST	line
Ground Level Clev.	Producting For		Pool		Dedi	coled Acreage:
7192	Gallup-	Dakota	· Ojito Gall	up-Dakota Ex	xt. S	W SW 40.00
	<b>I</b> •	ed to the subject w	ell by colored pe	encil or hachure	marks on the pla	it below.
	nan one Icase is nd royalty).	dedicated to the wel	ll, outline each a	nd identify the	ownership thereo	f (both as to workin
Interest 8	aa toyany).					
		fferent ownership is nitization, force-pool		well, have the		
Yes	No If an	swer is "yes?' type (	of consolidation		-	DIV. DIV. 5 <del>1. 3</del>
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this form i	f necessary.)	wners and tract dese d to the well until al				
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	Dec. 1973	Budget Bureau No. 42-R1424
	UNITED STATES	5. LEASE
	DEPARTMENT OF THE INTERIOR	SF 079609
	GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
-	(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.)	8. FARM OR LEASE NAME
	1. oil gas 🗆 other	McCroden "A" 9. WELL NO.
	2. NAME OF OPERATOR	9. WELL NO.
	Union Texas Petroleum Corporation	10. FIELD OR WILDCAT NAME
•	3. ADDRESS OF OPERATOR	Ojito Gallup-Dakota Ext.
	P. O. Box 808, Farmington, N.M. 87499	11. SEC., T., R., M., OR BLK. AND SURVEY OR
	4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
	below.) AT SURFACE: 352 ft./South; 939 ft./West	Sec. 9, T-25N, R-3W, N.M.P.M. 12. COUNTY OR PARISH 13. STATE
	AT TOP PROD. INTERVAL: Same as above	Rio Arriba New Mexico
	AT TOTAL DEPTH: Same as above	14. API NO.
	16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
	REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 7204' R.K.B.
	REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
	TEST WATER SHUT-OFF	
	SHOOT OR ACIDIZE	
1		(NOTE: Report results of multiple completion or zone
		change on Form 9-330.)
		· · · · · · · · · · · · · · · · · · ·
1	(other) Spud and Cased Surface	алан (алан алан алан алан алан алан алан
	17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat	e all pertinent details, and give pertinent dates.
	<ol> <li>DESCRIBE PROPOSED OF COMPLETED OPERATIONS (clearly staticluding estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner</li> <li>Spud 12-1/4" surface hole at 12:00 Midnigh</li> <li>Drilled 12-1/4" hole to TD of 310' R.K.B.</li> <li>Ran 7 joints 8-5/8", 24.0#, K-55 casing an</li> <li>Cemented 8-5/8" with 295 cu. ft. Cl B w/2% Cement circulated. Wait on cement.</li> <li>Pressure tested to 1500 PSI. Held OK.</li> </ol>	irectionally drilled, give subsurface locations and it to this work.)* t on 8-15-83. d set at 309' P K B
	<ul> <li>including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner</li> <li>1. Spud 12-1/4" surface hole at 12:00 Midnigh</li> <li>2. Drilled 12-1/4" hole to TD of 310' R.K.B.</li> <li>3. Ran 7 joints 8-5/8", 24.0#, K-55 casing an</li> <li>4. Cemented 8-5/8" with 295 cu. ft. Cl B w/2% Cement circulated. Wait on cement.</li> <li>5. Pressure tested to 1500 PSI. Held OK.</li> </ul> Subsurface Safety Valve: Manu. and Type	irectionally drilled, give subsurface locations and at to this work.)* t on 8-15-83. d set at 309' R.K.B. CaCl <sub>2</sub> and 1/4# Celloflake.
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	<ul> <li>including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner</li> <li>1. Spud 12-1/4" surface hole at 12:00 Midnigh</li> <li>2. Drilled 12-1/4" hole to TD of 310' R.K.B.</li> <li>3. Ran 7 joints 8-5/8", 24.0#, K-55 casing an</li> <li>4. Cemented 8-5/8" with 295 cu. ft. Cl B w/2% Cement circulated. Wait on cement.</li> <li>5. Pressure tested to 1500 PSI. Held OK.</li> </ul> Subsurface Safety Valve: Manu. and Type	<pre>irectionally drilled, give subsurface locations and it to this work.)* t on 8-15-83. d set at 309' R.K.B. CaCl<sub>2</sub> and 1/4# Celloflake Set @ Ft Set @ Ft</pre>
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orm 9-331	Form Approved. Budget Bureau No. 42–R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	SF 079609
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
Do not use this form for proposals to drill or to deepen or plug back to a differ eservoir, Use Form 9–331–C for such proposals.)	ent 8. FARM OR LEASE NAME
	McCroden A
1. oil gas well well other	9. WELL NO.
2. NAME OF OPERATOR	6
	10. FIELD OR WILDCAT NAME
Union Texas Petroleum 3. ADDRESS OF OPERATOR	Ojito Gallup-Dakota Ext.
P.O. Box 1290, Farmington, New Mexico 87499	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space below.)	AREA Section 09, T25N-R3W NMPM
AT SURFACE: 352 ft/South; 939 ft/West	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Same as above	San Juan  New Mexico
Same as above	14. API NO.
<ol> <li>CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTIC REPORT, OR OTHER DATA</li> </ol>	
REPORT, ON OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	7204 RKB
EST WATER SHUT-OFF	
	(NOTE: Peppet results of multiple completion
PULL OR ALTER CASING	(NOTE: Report results of multiple completion or zone change on Form 9-330.).
CHANGE ZONES	· · · ·
other) Ran and cemented casing	
	·
<ol> <li>DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly including estimated date of starting any proposed work. If well</li> </ol>	state all pertinent details, and give pertinent dates is directionally drilled give subsurface locations and
measured and true vertical depths for all markers and zones pert	inent to this work.)*
1. Drilled 7-7/8" hole to TD of 8200' on 9-1	
<ol> <li>Ran 200 joints 4-1/2" 11.6# K-55 casing a 3888' &amp; 6395' RKB.</li> </ol>	ind set at 8159' RKB with DV tools a
3. Cemented first stage with 742 cu.ft. 50/5	$(0 \ 0.07 \ 0.09 \ 0.01 \ 1.04 \ 0.01 \ 1.04 \ 0.01 \ 0.$
flake, and 0.75% FLA per sack followed by	v FUL W/2% YEI, IU# Sdit, 1/4# CEII
stage with 1343 cu.ft. 65/35 POZ w/6% gel	$10^{\#}$ alsonite $1/4^{\#}$ celloflato a
.75% FLA per sack followed by 59 cu.ft. C	$1^{10}$ gristing, $177\pi$ certoriake, a
cu.ft. 65/35 POZ with 12% gel, 12-1/2# gi	lsonite, and 1/4# celloflake per sa
followed by 59 cu.ft. Cl "B". Circulated	comont . Whit on comont

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Subsurface Safety Valve: Manu. and Type		Set @ Ft.
18. I hereby certify that the foregoing is tru SIGNED	e and correct Engineering_Analyst	ATE October 10, 1983
	This space for Federal or State office use)	· · · · · · · · · · · · · · · · · · ·
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	
		ACCEPTED FOR RECORD
	*See Instructions on Reverse Side	OCT 26 1983
	NMOCO	FARMINGTON RESUURCE AREA

Instructions

-1

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 focal, 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 0 - 347-156

Clean out casing to 8159' 5.

Held OK. Pressure tested to 3500 PSI. ţ.

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, ;, m 9–331 Dec. 1973	Form Approved. Eudget Eureau No. 42-R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	SF 079609 5 - 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
Do not use this form for proposals to drill or to deepen or plug back to a differer eservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME
1. cil g25	McCroden A
well 💥 well 🖵 other	9. WELL NO.
2. NAME OF OPERATOR Union Texas Petroleum Corporation	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Ojito Gallup Dakota-Ext
P.O. Box 1290, Farmington, New Mexico 87499 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 1	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
below.)	Section 9, T25N-R3W NMPM
AT SURFACE: 352' FSL; 939' FWL AT TOP PROD. INTERVAL: Same as above	12. COUNTY OR PARISH 13. STATE : Rio Arriba : I New Nexico
AT TOTAL DEPTH: Same as above	14. API NO. 288 288
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA	E, 15. ELEVATIONS (SHOW DF; KDB, AND WD)
	7192'
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
	· · · · · · · · · · · · · · · · · · ·
SHOOT OR ACIDIZE	(NCTE: Report results of multiple completion or zone
	change on Form 9-330.)
MULTIPLE COMPLETE	CEIVED
ABANDON*	DEC 0 9 1983
(other) correct casting depth	F LAND MANAGEMENT
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (CLEARIN'S	tare affantinent deteas, and give pertinent dates,
including estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones perti	nent to this work.)*
The depth of the $4-1/2$ " casing was reported i	naccurately on a previous Sundry
Notice. The casing is set at 8200' not 8159	1 KKB. (2022-22) 12 75 22 1220-00 2 2 2 2 2
	김 승규는 것을 통해 있었다. 아이는 것을 통했다.
	문화 응길로 가 통한 11년 신간 북한 11년 - 11년 11년 11년 11년 11년 11년 11년 11년 1
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	이 같은 것 같은
	응 문문
	· · · · · · · · · · · · · · · · · · ·
Subsurface Safety Valve: Manu. and Type	Set @Ft.
<b>18.</b> I hereby certify that the foregoing is true and correct Engineering A	nalyst December 6, 1983
JIA. Edmister	DATE
(This space for Federal or State	e office use)
CONDITIONS OF APPROVAL & ANYLE	DATE - ACCEPTED FOR REDOR
DEC 1 5 1983	言語言での見て19年重約3
See Instructions on Rever	ise Side Francisco Ant
NMOCC	яч <u> </u>

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PULL OR ALTER CASING	and the second	
UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY SUNDRY NOTICES AND REPORTS ON WELLS Grown use in the term of the second of plug back to a different second. Use in the term of the second of plug back to a different weight Different of the second of plug back to a different according to the term of the second of plug back to a different second. Use in the term of the second of plug back to a different according to the term of the second of plug back to a different second of the term of the term of the second of plug back to a different according to the term of the second of the term of the second of the term of term of the term of the term of the term of term of term of term of the term of	form 9-331	
DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY       Image: Complete Comp	Dec. 1973 UNITED STATES	
GEOLOGICAL SURVEY       6. IF INDIAM, ALLOTTEE OR TRIBE NAME         SUNDRY NOTICES AND REPORTS ON WELLS       7. UNIT AGREEMENT NAME         SUNDRY NOTICES AND REPORTS ON WELLS       7. UNIT AGREEMENT NAME         I. off ID       State for negative is during to generate an phug back to a different         I. off ID       State for negative is during to generate an phug back to a different         I. off ID       State for negative is during to generate an phug back to a different         I. off ID       State for negative is during to generate an phug back to a different         I. off ID       State for negative is during to generate an phug back to a different         I. off ID       State for negative is during to generate an phug back to a different         I. otomation of OPERATOR       In interval         Union Texas Pertoneum Corporation       In its content         I. DORTSS OF OPERATOR       In its content         P.O. Box 1220, Farmington, New Mexico       B7499         At TOP PROD, INTERVAL:       Same as above         State for negative is during to generate an adverate or NOTICE, REPORT OF IDECTION COLLE       Same as above         State for negative is during to generate and tones periment of including estate and gene periment of including estate and tone year and tone yea		· ·
SUNDRY NOTICES AND REPORTS ON WELLS (Do not us the torm for personal to differe to deserve or plug back to a different search, the torm for personal to differe to deserve or plug back to a different search, the torm for personal to different deserve or plug back to a different search, the torm for personal to different deserve or plug back to a different search, the torm for personal to different deserve or plug back to a different search, the torm for personal to different deserve or plug back to a different search, the torm for personal to different deserve or plug back to a different search, the torm for personal to different deserve or plug back to a different search, the torm for the data to different deserve or plug back to a different search, the torm for the data to different deserve or plug back to a different deference of data to different deserve or plug back to a different search deserve data to different deserve or plug back to a different search deserve data to different deserve or plug back to a different deference data to different deserve data to different deserve or plug back to a different deference desting and provide deserve data and conseptentiate deference deserve or plug back to deserve data to different deserve or plug back to deserve data different deserve		
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iserverie, bus form 3-31-2 for such proposal.)       B. FARM OR LEASE NAME         1. off well ID       gets well ID       other         2. NAME OF OPERATOR Union Texas Petroleum Corporation       9, WELL NO.         3. ADDRESS OF OPERATOR P.O. Box 1290, Farmington, New Mexico 87499       10, FIELD OR WILDCAT NAME Ojito Gall Up Dakota Ext.         4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below).       10, SEC.T, F.R.M., OR BLK, AND SURVE AREA         4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below).       Same as above AT TOTAL DEPTH:         5. GENECK APROPRIATE BOX TO INDICATE NATURE OF NOTICE.       IS. ELEVATIONS (SHOW DF, KDB, AND T192' GR         FEOR MERT.       SubsEQUENT REPORT OF:         FRACTURE TREAT       Subsequence         THE PROPOSED OR COMPLETED OPERATIONS (Clearly state at pertinent details, and give pertinent including estimated date of starting any proposed work. If well is dineclionally driffed, give subsurface locations measured a	SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
I off US Set Content of Cont	Do not use this form for proposals to drill or to deepen or plug back to a different	
"weil L30       weil		
2. NAME       Display of the second sec		
3. ADDRESS OF OPERATOR       0110 Gallup Dakota Ext.         P.O. Box 1290, Farmington, New Mexico 87499       11. SEC. T. R. M., OR BLK. AND SURVE         A. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17)       11. SEC. T. R. M., OR BLK. AND SURVE         A TO PROD. INTERVAL       Same as above       12. COLITYOR PARISH 13. STATE         AT TOTA DEFTH:       Same as above       14. API NO.         6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,       14. API NO.         7. TOTAL DEFTH:       Same as above       14. API NO.         1921 GR       GR APPROVAL TO:       SUBSEQUENT REPORT OF:         FERATURE TREAT       Import of the Complete Data       Import of the Complete Completion and charge on Form 9-330.         MULTIPE COMPLETE       Import of the Casing any proposed work. If well is directionally drilled, give subsurface locations measured and true vertical depths for all markers and zones pertinent details, and give pertinent of this work.)*         Perforations for the Dakota and Graneros are 8106'-8084' with 1 shot every 2' f a total of 12 shots.       Thore shots for a total of 2 shots.         Perforations for the Greenhorn are 7890,86,80,77,74,70,66,63,60,56,53,48,43,39,17; 7497,83,71,68 for a total of 21 shots.       Set @         Perforations for the Lower Gallup are 7151,47,43,38,34,14,10,06; 7080,76,72,56,44,40,33,14,03; 6972,63,57,52,43,30,23 for a total of 25 shots.       Set @         Deforations for the Upper Gallup are 7151,47,43,38,34,14,10,06; 7080,7	2. NAME OF OPERATOR	
P.O. Box 1290, Farmington, New Mexico 87499       11. SEC, T., R. M., OR BLK. AND SURVE         A. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17       Section 9, T25N-R3W NMPM         AT TOP PROD. INTERVAL: Same as above       Same as above         AT TOP PROD. INTERVAL: Same as above       11. SEC, T., R. M., OR BLK. AND SURVE         AT TOP PROD. INTERVAL: Same as above       11. SEC, T., R. M., OR BLK. AND SURVE         AT TOTAL DEFTH:       Same as above         BC CHECK APPROPHATE BOX TO INDICATE NATURE OF NOTICE,       Section 9, T25N-R3W MMEXICO         REPORT, OR OTHER DATA       SUBSEQUENT REPORT OF:         FEACTURE TREAT       Image: Standard Strue wills of multiple completion or change on Form PLANCE OF NOTICE,         HANGE ZONES       Image: Standard Strue wills depths for a stores pertinent details, and give pertin		
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I.B. I hereby certify that the foregoing is true and correct INGRED <u>I</u> <u>A</u> <u>Edmister</u> <u>TITLE</u> <u>Engineering Analyst</u> <u>Date</u> <u>December 16, 1983</u> (This space for Federal or State office use) INPROVED BY <u>TITLE</u> <u>DATE</u> Conditions of APPROVAL IF-ANY: <u>TITLE</u> <u>DATE</u> DEL DC 1933 See Instructions on Reverse Side OLL CON. DIV.		
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NFW Y	WORK DELP-	BACK	DIFF. RESVR.	Other	·			S. FARM OR		NAME
2. NAME OF OPERATO	m s Petroleum (	Corporatio	in					McCrode		
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4. LOCATION OF WELL	290, Farmingt L (Report location of 2'FSL; 939'FL	early and in acco		87499 h any Stat	ie reguiren	nents)•		Ojito G		p Dakota Ext
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5. DATE SPUDDED	16. DATE T.D. REACH	IED   17 DATE C	OMPL IREA	BUREA BUREA	NO ON LA	AND MANA	E ARE	Rio Arr	riba	New Mexico
				ay to prot		elevations / 4' RKB	DF. RKB.	кТ, GR, ЕТС.)•		2' GR
8-15-83 20. total depth, MD 4	<u>9-16-83</u> 1 TVD   21. PLUG, BA	<u>і 10-14</u> .ck т.d., мо & туг	D 22. IF	MULTIPLE		23. INT	TERVALS	ROTABY TO		CABLE TOOLS
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24. PRODUCING INTER 8106'-8084	VAL(S). OF THIS COM	7890'-7		Greenh						5. WAS DIRECTIONAL SUBVEY MADE
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$\frac{c_{ASING} SIZE}{8-5/8"}$ $\frac{4 \pm "}{29}$ $\frac{6}{812E}$ $\frac{6}{8106} - 3084$	24.0 11.6 LIN TOP (MD) BO 12 Shot 7 Shot 3' 21 Shot	DEPTH SET 300' 8200' ER RECORD ITOM (ND) S S S	(MD)	HOLE ST           12½"           7-7/8"           ST*           SCF	ZE	29 446 (See At 30. <u>2-3/</u> ACID. SHO RVAL (MD) 86	5 cu. 3 cu. tachm 8" -	ft. (3sta ent) TUBING RE DEFTH SET ( 8011' TURE, CEME MOUNT AND K	CORD (MD) NT SQU IND OF ent	PACKER SET (MD)
CASING SIZE 8-5/8" 4±" 9. 5IZE 5IZE 5IZE 8106' -8084 7958' - 36' 7890' - 7768	24.0 11.6 LIN TOP (MD) BO 12 Shot 7 Shot 3' 21 Shot 5' 25 Shot	DEPTH SET 309' 8200' ER RECORD TTOM (MD) SJ and number) S S S S	(MD)	HOLE ST           12½"           7-7/8"           ST*           ST*           ST*           ST	ZE   	29 446 (See At 30. 2-3/ ACID. SHO RVAL (MD) 36' 38' 5'	5 CU. 3 CU. tachm 8" 7. FRAC See See See	ft. (3st) TCBING RE DEPTH SET ( 8011' TURE, CEME MOUNT AND & Attachm Attachm	CORD (ND) NT SQU IND OF ent ent ent	PACKER SET (MD)
CASING SIZE         8-5/8"         4±"         ss.         SIZE         \$106' - 8084         7958' - 36'         7890' - 7768         7596' - 7215         7151' - 6923	24.0 11.6 LIN TOP (MD) BO 12 Shot 7 Shot 3' 21 Shot 5' 25 Shot	DEPTH SET 309' 8200' ER RECORD TTOM (MD) SJ and number) S S S S	ACKS CENEN	HOLE ST           12½"           7-7/8"           ST*           ST*           ST*           ST	ZE   	29 446 (See At 30. 2-3/ ACID. SHO RVAL (MD) 36' 38' 5'	5 cu. 3 cu. tachm 8" -	ft. (3st) TUBING RE DEPTH SET ( 8011' TURE, CEME MOUNT AND K Attachm Attachm	CORD (ND) NT SQU IND OF ent ent ent	PACKER SET (MD)
CASING SIZE 8-5/8" 4±" 99. 51ZE	24.0 11.6 LIN TOP (MD) DO OPD (Inferial, sie a 12 Shot 7 Shot 3' 21 Shot 3' 25 Shot 3' 25 Shot	DEPTH SET 300' 8200' ER RECORD TTOM (ND) S S S S S S S S S S S	ACKS CENEN	HOLE ST       122"       7-7/8"       ST*       SCF       810       789       759       715       FRODUCT	ZE   	29 446 (See At 30. 2-3/ 2-3/ ACID. SHO RVAL (MD) 86' 58' 53' 23'	5 CU. 3 CU. 1 CL 1 CL	ft. (3st. ft. (3st. TUBING RE DEFTH SET ( 8011' TURE, CEME MOUNT AND & Attachm Attachm Attachm	CORD (MD) NT SQU IND OF ent ent ent ent	PACKER SET (MD)
CASING SIZE 8-5/8" 4±" 29. SIZE SIZE 31. PEPROPATION REC 8106' - 8084 7958' - 36' 7890' - 7768 7596' - 7215 7151' - 6923 33.* IO-19-83	24.0 11.6 LIN TOP (MD) BO OFD (Intercal, size a 12 Shot 7 Shot 21 Shot 3' 21 Shot 3' 25 Shot 0N PRODUCTION Pump	DEPTH SET 309' 8200' ER RECORD TTOM (MD) S and Fumber) S S S S S S S S S S S S S	(MD)	HOLE ST           12½"           7-7/8"           ST*           ST*           32.           bit           132.           21.           22.           23.           24.           24.           25.           27.5	ZE   	29 446 (See At 30. 2-3/ ACID. SHO RVAL (ND) 86' 55' 23' Ad type of pt	5 CU. 3 CU. 3 CU. tachm 5 5 5 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 6 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7	ft. (3st. ft. (3st. ft. (3st. ent) TUBING REF 8011' TURE. CEME NOUNT AND K Attachm Attachm Attachm Attachm	CORD (MD) NT SQU IND OF ent ent ent ent t start hut-in)	PACKER SET (MD) PACKER SET (MD) PEEZE, ETC. MATERIAL USED S (Producing or S I
CASING SIZE 8-5/8" 4: " 29. 51. PERPORATION REC. 8106'-8084 7958'-36' 7890'-7768 7596'-7215 7151'-6923 33.* DATE FIRST PRODUCT: 10-19-83 DATE OF TEST	24.0 11.6 LIN TOP (MD) BO 12 Shot 7 Shot 21 Shot 25 Shot 3' 25 Shot 0N PRODUCTION PRODUCTION PRODUCTION PRODUCTION PUMP	DEPTH SET 309' 8200' ER RECORD TTOM (MD) 5. TTOM (MD) 5. S S S S S S S S S S S S S	ACKS CENEN	HOLE ST       12½"       7-7/8"       NT*       SCF       810       759	ZE   	29 446 (See At 30. 2-3/ 2-3/ ACID. SHO RVAL (MD) 86' 58' 53' 23'	5 CU. 3 CU. 3 CU. tachm tachm T. FRAC See See See See See	ft. (3st. ft. (3st. ent) TUBING REF DEPTH SET ( 8011' TURE, CEME MOUNT AND E Attachm Attachm Attachm Attachm (************************************	CORD (MD) NT SQU IND OF ent ent ent ent t start hut-in)	PACKER SET (MD) PACKER SET (MD) PEEZE, ETC. MATERIAL USED S (Producing or SI GAS-CIL RATIO
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CASING SIZE 8-5/8" 4:" 29. 51. PEPMORATION REC. 8106'-8084 7958'-36' 7890'-7768 7596'-7215 7151'-6923 33.* DATE PIRST PRODUCT: 10-19-83 DATE OF TEST 11-10-83 PLOW. TURING PRESS. 40	24.0 11.6 LIN TOP (MD) BO PPD (Infertal, size a 12 Shot 7 Shot 21 Shot 25 Shot 25 Shot 0N PRODUCTIO PUMP HOURS TESTED 24 CASING PRESSURE 180	DEPTH SET 300' 8200' ER RECORD TTOM (MD) 5/ Ad Rumber) S S S S S S S S S S S S S	(MD) ACKS CEME: Ung, gas li TEST PERI	HOLE ST       12½"       7-7/8"       NT*       SCF       810       759	ZE   	29       446.       (See At       30.       2-3/       ACID. SHO       RVAL (MD)       36'       38'       5'       23'       ad type of pt       GAS-N       CF.	5 CU. 3 CU. 3 CU. tachm tachm T. FRAC See See See See See See 176	ft. ft. (3st. ft. (3st.)) ft. (3st. ft. (3st.)) ft. (3st.) ft. (3st.	CORD (MD) NT SQU IND OF ent ent ent L STATC hut-in) BL.	PACKER SET (MD) PACKER SET (MD) PEEZE, ETC. MATERIAL USED S (Producing or SI CAS-CIL RATIO 2627 RAVITT-API (COER.) 41°
CASING SIZE 8-5/8" 4±" 29. 51ZE	24.0         11.6         LIN         TOP (MD)         BO         OPD (Intercal, size a         0PD (Intercal, size a         0N (Intercal, size a         0N (PRODUCTION PRODUCTION PUMP         NOURS TESTED         24 (CASING PRESSURE 180)         0S (Fold, used for fuel)	DEPTH SET 300' 8200' ER RECORD TTOM (MD) 5/ Ad Rumber) S S S S S S S S S S S S S	(MD) ACKS CEME: ACKS CEME: Units CEME: Control of the second seco	HOLE ST       12½"       7-7/8"       NT*       SCF       810       759	ZE   	29       446.       (See At       30.       2-3/       ACID. SHO       RVAL (MD)       36'       38'       5'       23'       ad type of pt       GAS-N       CF.	5 CU. 3 CU. 3 CU. tachm tachm T. FRAC See See See See See See 176	ft. (3st. ft. (3st. ft. (3st. rubing ref rubing ref 8011' TURE, CEME MOUNT AND & Attachm Attachm Attachm Attachm Attachm 19 -REL	CORD (MD) NT SQU IND OF ent ent ent L STATU hut-in) BL.	PACKER SET (MD) PACKER SET (MD) TEEZE, ETC. MATERIAL USED TS (Producing or SI CAS-CIL RATIO 2627 TAL TAL COBR.) 41°
CASING SIZE 8-5/8" 4±" 29. 51. PEPPOPATION RFC 8106'-8084 7958'-36' 7890'-7768 7596'-7215 7151'-6923 33.* DATE FIRST PRODUCT: 10-19-83 DATE OF TEST 11-10-83 FLOW. TUBING PRESS. 40 34. DISPOSITION OF GA Vented (to 35. LIFT OF ATTACHY	24.0 11.6 LIN TOP (MD) BO OFD (Intercal, size a 12 Shot 7 Shot 21 Shot 21 Shot 25 Shot 3' 25 Shot 0N PRODUCTION PUMP HOURS TESTED 24 CASING PRESSURE 180 NS (Sold, used for fuell D be Sold) IENTS	DEPTH SET 300' 8200' ER RECORD TTOM (ND) SJ and Tumber) S S S S S S S S S S S S S	(MD) ACKS CEMEN ACKS CEMEN wing, gas li PROD'N. F/ TEST PERI O(LBBL, 67	HOLE ST       12½"       7-7/8"       NT*       SCF       810       759	ZE   	29       446.       (See At       30.       2-3/       ACID. SHO       RVAL (MD)       36'       38'       5'       23'       ad type of pt       GAS-N       CF.	5 CU. 3 CU. 3 CU. tachm tachm T. FRAC See See See See See See 176	ft. (3st. ft. (3st. ft. (3st. PEPTH SET ( 8011' TURE, CEME MOUNT AND K Attachm Attachm Attachm Attachm (************************************	CORD (MD) NT SQU IND OF ent ent ent L STATU hut-in) BL.	PACKER SET (MD) PACKER SET (MD) TEEZE, ETC. MATERIAL USED TS (Producing or SI CAS-CIL RATIO 2627 TAL TAL COBR.) 41°
CASING SIZE 8-5/8" 4±" 29. 51ZE	24.0 11.6 LIN TOP (MD) BO TOP (MD) BO 12 Shot 7 Shot 21 Shot 25 Shot 3' 25 Shot 3' 25 Shot 0N PRODUCTION PUMP HOURS TESTED 24 CASING PRESSURE 180 CASING PRESSURE CASING P	DEPTH SET 300' 8200' ER RECORD FTOM (MD) SJ and Rumber) S S S S S S S S S S S S S	(MD) ACKS CENE: ACKS CENE: Buing, gas li PROD'N. Ff TEST PERI OIL-BBL. 67	HOLE ST         122"         7-7/8"         810         810         759	ZE   	29 446 (See At 30. 2-3/ ACID. SHO RVAL (MD) 36' 5' 23' ACID. SHO ACID. SHO ACID. SHO ACID. SHO CF. 5' CF.	5 CU. 3 CU. 3 CU. 1 achm 5 CU. 1 achm 5 CU. 5 CU.	ft. ft. (3st. ft. (3st. TUBING REC DEPTH SET ( 8011' TURE, CEME MOUNT AND K Attachm Attachm Attachm Attachm MATER-B 19 TEST WITN John	CORD (MD) NT SQU IND OF ent ent ent L STATC hut-in) BL OIL G ESSED B Recto	PACKER SET (MD) PACKER SET (MD) VEEZE, ETC. MATERIAL USED IS (Producing or SI CAS-CIL RATIO 2627 IRAVITT-API (COBR.) 41° IS D)7
CASING SIZE 8-5/8" 4: " 29. SIZE 31. PEPPOPATION FRO 8106' -8084 7958' -36' 7890' -7768 7596' -7215 7151' -6923 33.* DATE PIEST PRODUCT: 10-19-83 DATE OF TEST 11-10-83 FLOW. TUBING PRESS. 40 34. DISPOSITION OF GA Vented (to 35. LIET OF ATTACHY	24.0 11.6 LIN TOP (MD) BO TOP (MD) BO 12 Shot 7 Shot 21 Shot 25 Shot 3' 25 Shot 3' 25 Shot 0N PRODUCTION PUMP HOURS TESTED 24 CASING PRESSURE 180 CASING PRESSURE CASING P	DEPTH SET 300' 8200' ER RECORD FTOM (MD) SJ and Rumber) S S S S S S S S S S S S S	(MD) ACKS CENE: ACKS CENE: Buing, gas li PROD'N. Ff TEST PERI OIL-BBL. 67	HOLE ST         122"         7-7/8"         NT*         SCF         132:         1         1         122"         7-7/8"         ST*         SCF         1<	ZE   	29 446 (See At 30. 2-3/ ACID. SHO RVAL (MD) 36' 5' 23' ACID. SHO ACID. SHO ACID. SHO ACID. SHO CF. 5' CF.	5 CU. 3 CU. 3 CU. 1 T. FRAC SPE SPE SPE SPE SPE SPE SPE SPE	ft. ft. (3st. ft. (3st. TUBING REC DEPTH SET ( 8011' TURE, CEME MOUNT AND K Attachm Attachm Attachm Attachm MATER-B 19 TEST WITN John	CORD (MD) NT SQU IND OF ent ent ent ent BL   OIL G Recto	PACKER SET (MD) PACKER SET (MD) VEEZE, ETC. MATERIAL USED IS (Producing or SI CAS-CIL RATIO 2627 SRAVITT-API (COBR.) 41° ST D)7

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INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of hads and leases to either a Federal agency or a State agency, or bold, pursuant to applicable Federal and/or State laws and regulations. Any accessary 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 laws and expirate treparts for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (defilers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directions surveys, should be itsted and and energination from the directions. All attachments should be listed on this form, see item 5.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (defilers, geologists, sample and core analysis, all types electric, etc.). formation and pressure tests, and directions. Should be itsted on this form, see item 5.
If not set are not opticable base to obtained from traditions. Any necessary apprinted by applicable Pederal and/or State have and regulations. All attachments should be itsted on this form, see item 5.
Form 6.
For 6.
For 6.
For 6.
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FURMATION	101	BOTTOM	RMATION TOP ROTTOM DESCRIPTION CONTENTLY FIC.		401	
				RIVEN	MEAN, DEPTH	TRUS VENT, DEIVII
				l Oio Alamo	3355	
				Kirtland	3455	
				Fruitland		
			-	Pictured Cliffs	3720	
				Lowis		
				Chacra	4620	
				Cliff House	5340	
				Point Lookout	5880	
				Mancos	6010	
				Gallup	6920	
				Greenhorn	7760	
				Graneros	2000	
				Dakota	8080	
				<u> </u>		

OFFICE : 1975 0 - 574-472 GOVERNMEN'T PRINTING

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STATE OF NEW MEXICO NERGY NO MINERALS DEPARTMEN	α.		
	· · · · · · · · · · · · · · · · · · ·		Form C-104 Agreed 10-01-78
OISTRIGUTION /	OIL CONSERVA	TION DIVISION	Format 06-01-83 Page 1
SANTA FE	P. G. 80	× 2088	
U.1.6.A.	SANTA FE, NEW	MEXICO 87501	
TRAMONETER OIL			
CAS	REQUEST FOR	ALLOWABLE	
PERATOR PROFILE	, -		
	AUTHORIZATION TO TRANSP	PORT OIL AND NATURAL GAS	
Union Texas Petroleum	Corporation		
P. O. Box 1290, Farmi	ngton, New Mexico 87499		
Reason(s) for filing (Check proper bas	;;	Other (Please explain)	
New Well			
		7 Gas	
f change of ownership give name and address of provious owner			
I. DESCRIPTION OF WELL AN	D LEASE	mutica Kind of Lease	
McCroden "A"	6 Ojito Gallup		Fee Fed. SF 079609
Location			
Unit Latter 3	52 Foot From The South Lin	and Feet From Th	West
0 -	2EN -	3W NHPH Rio Ar	riba -
Line of Section 9 To	while 25N Range	3W , NMPM, RIO AT	County
II. DESIGNATION OF TRANS	PORTER OF OIL AND NATURAL		
Name of Authorized Transporter of CL		Astron (Give address to which approve	
Gary Energy Corporat	ion	P. O. Box 489, Bloomfield	
Union Texas Petroleu		P. O. Box 1290, Farmingto	
If well produces eil er liquids.	Unit , Sec. Two Res.	Is gas actually connected? When	
give location of tanks.	M 9 25N 3W	No	
I this production is commingled wi	ith that from any other lease or pool.	give commingling order number:	
	V on reverse side if necessary.		
AL CERTIFICATE OF COMPLIA	NŒ	OIL CONSERVATI	ON DIVISION
		Νονι	1 1984
	ions of the Oil Conservation Division have ion given is true and complete to the best of (	APPROVED	<u>· + 104</u> , 19
my knowledge and beilef.	-	BY_ Stranford (l)	1
		TITLE SUP	VISOR DISTRICT # 3
			<u></u>

1.00 C 1.00 C

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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 allow-able on new and recompleted wells.

Fill out only Sections for the sector of condition. Well name or number, of points period of star which there of condition. Separate Forms Citie must be filed for sace post in multiply completed wells.

1232 (1257 - 1214). 14137, **3** 

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Kenneth E. Roddy Sime

10/2/84

Area Production Superintendent

(This)

(Date)

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· · · · · · · · · · · · · · · · · · ·			
DISTRIBUTION		-	
SANTA FE		ONSERVATION COMMISSION	Form C+104
FILE	REQUEST	FOR ALLOWABLE	Supersedes Old C-104 and C-110 Elfoctive 1-1-65
U.S.G.S.		AND	
LAND OFFICE		INSPORT OIL AND NATURAL	GAS
TRANSPORTER OIL			•
GAS			
OPERATOR		• ·	
PRORATION OFFICE			
Union Texas Petrol	eum Corporation		
Address			
P. 0. Box 1290, Fa	rmington, New Mexico 8749	9	
Reoson(s) for filing (Check proper i		Other (Please explain)	
New Well J	Change in Transporter of:	_	
Recompletion		• [2]	
Change in Ownership	Casinghead Gas Conder		<u> </u>
If change of ownership give name	•		
and address of previous owner			
DESCRIPTION OF WELL AN			
Lease Name	Well No. Pool Name, Including F	prmation Kind of Leas	se Lease No.
McCroden "A"	6   Ojito Gallup	- Dakota Ext. State, Feder	aler Fee Fed. SF 079609
Location			
Unit Letter M ; 3	52 Feel From The South Lin	e and Feet From	The West
Line of Section 9	Township 25N Range	<u>3W , NMFM, Ri</u>	o Arriba County
L DESIGNATION OF TRANSPO Nome of Authorized Transporter of	ORTER OF OIL AND NATURAL GA	S Address (Give address to which appro	
1		F	
Plateau, Inc.	Casinghead Gas Y or Dry Gas	P. O. Box 489, Bloomfi Address (Give address to which appro	
Union Texas Petrol	- <b>T</b>	· ·	· · · · · · · · · · · · · · · · · · ·
If well produces cil or liquida,	Unit Sec. Twp. Ege.	P. O. Box 1290, Farmir	her.
give location of tanks.	M 9 25N 3W	No	
If this production is commingled	with that from any other lease or pool,		
. COMPLETION DATA	•		·
Designate Type of Comple	Cil Well Gas Well	New Well Workover Deeper	Plug Back Same Res'v. Diff. Res'v.
	Date Compl. Ready to Prod.	XX	
Date Spidled		Total Depth	P.B.T.D.
8/15/83 Elevations (DF. RKB, RT, CR. etc	10/14/83	8200 Tep Cil/Gas Pay	B159 Tubing Depth
7204 R.K.B.	Gallup - Dakota	6923	8011
Perforations	duriup - bukotu	0923	Depth Casing Shoe
6923 - 8106			8200
	TUBING, CASING, AND	CEMENTING RECORD	
HOLESIZE	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)
1	<u>2-3/8", E.U.E., 4.70#</u>	8011	
		<u> </u>	
TEST DATA AND REQUEST	FOR ALLOWABLE (Test must be a) able for this de	fter recovery of total volume of load of pik or be for full 24 hours;	l and must be equal to or exceed top allow-
OIL WELL Date First New CL Fun To Tanks	Dete of Test	Producing Method (Flow, pump, gas 1	lift, etc.)
11/2/83	11/10/83	Pumping	
Length of Test	Tuking Pressure	Casing Pressure	Choke Size
24 hours	40	180	1-3/8"
Actual Pres. Duting Test	Cii+Bbie.	Water-Bbis.	Gas-MCF
67 bbls. of oil	67	19	176
GAS WELL Actual Press Test-MCF/D	Length of Test	Bbis. Condensate Add/CF	Gravity of Condensate
Actual Fidel : #31* MC#74	an ∰frighte bar a ∰∰l	Date, Contradictional C	Gravity of Condensate
Teating Method (pitc), back proj	Turing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
	· · · · · · · · ·		-
L CERTIFICATE OF COMPLI	ANCE	OU CONSERV	ATION COMMISSION
COMPLETE OF COMPLE	••••••••••••••••••••••••••••••••••••••		1334
I hereby certify that the rules as	nd regulations of the Oil Conservation	APPROVED	<u></u>
Commission have been complie	d with and that the information given the best of my knowledge and belief.	BYOriginal Crystal	ey Elevel 1 CHAVEZ
Prove te fule aun combiete (o	the best of my knowledge shu bellet.		ISOR DISTRICT 拍 3
/	0.1	TITLESUPERV	HOL DISTRICT TO .
V JI ~	$ u \wedge n \mid n$	This form is to be filed in	compliance with RULE 1104.
renneth E. K	oddy	If this is a request for allo	wable for a newly drilled or deepened
Kenneth E. Roddy (S		well, this form must be accomp tests taken on the well in acco	anied by a tabulation of the deviation ordance with RULE 111.
<u>    Area Production Su</u>		All sections of this form m	ust be filled out completely for allow-
	(Title)	able on new and recompleted w	velle.
4/2/84	(Date /	Fill out only Sections I, well name or number, or transpo	II. III. and VI for changes of owner, rter, or other such change of condition.
	,/	Separate Forms C-104 mu	at be filed for each pool in multiply
		completed wells.	

## OIL CONSERVATION DIVISION Deviation Tabulation Report

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1. 2. 8. 10

1.5.1.6.64

UNION TEXAS	PETROLEUM CORPORATION	McCroden "A" 6	9	25N	ЗW
Operator	Well Name	No.	Sec.	Twp.	Rge.
Depth 310 2415	Deviation 1/2°	Depth 7523		Deviat	0
2415 2590 3483	3/4° 1/2° 1°	7939 8200		3/4 3/4	
3590 4680 5200	1° 3/4° 2/48				
5200 5807 6171	3/4° 3/4° 1°				
6550 7059	1/2° 1/2°				1 00

Kenneth E. Koddy Area Production Superintendent

STATE	OF	NEW	÷.	
COUNTY	0F	SAN	)	SS

On t	his	2nd	day of	Apr	<u>il</u>	_, 19	<u>84</u> ,	before a	as personal	l]y
appeared	Kenneth	E. Roddy	,	, to	me known	to b	e 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 <u>2nd</u> day of <u>April</u>, 19<u>84</u>.

Darbara // Biman Notary Public in and for San Juan County, New Mexico APR 0 4 1984 OIL CON. DIV. DIST. 3

My Commission Expires:

March 5, 1986

						/				
Automati S Comes Appropriate District Office	Energ	- y, Min			w Mexico ral Resource	is Departme	nt		Form C Revised See inst	1-1-89 rections
-O. Box 1980, Hobbs, NM 88240 DISTRICT II -O. Drawer DD, Anasia, NM 88210	оп	<b>CO</b>			TION D	IVISIO	N <sup>a</sup> la		st. Botta	m of Page
NSTRICT III		Santa			zico 8750	4-2088				
000 Rio Brazos Rd., Aztec, NM \$7410	REQUEST									
Uperator	<u> </u>	RANS	SPORT	OIL	AND NAT	URAL GA		PI No.		
Frion Texas Petro	oleum Corno	ratio	nc							
2.0. Box 2120	Houston, Te	xas	77252-	-212						
Reason(s) for Filing (Check proper box)	Char		usponer of:	<u> </u>	Qube	t (Please explo	un)			
Recompletion	Oil Casinghend Gas	м Ц. С С	•							
if change of operator give antise and address of previous operator										
IL DESCRIPTION OF WELL			INDRI			·				
Lesse Name McCroden "A"	6	No. 170	Gallu	ıp-D	akota)U	VEST		of Lense Føderni ar Fød		179609
Location M										
Unit Letter	251	,	es From Th	• ?// )		and (PM	-	et From The . RRIDA	0	Live
Section 7 Townsh			<u> </u>			11m	$U \pi I$	CRIDE		County
III. DESIGNATION OF TRAI Nume of Authorized Transporter of Oil	0°C	F OIL		TU	Address (Gin	address to w				
Meridian Oil Inc		- or	Dry Gas	2		ox 4299,		· · · · · · · · · · · · · · · · · · ·		
Union Texas Petr	oleum Corp.	<u> </u>				ox 2120,		n, TX 7		
pre locition of tests.	1 designed	i_	_i_i_							
If this production is commingled with the IV. COMPLETION DATA	i from my other im	as or poo	ni, give com	ining!	ing ofder syst	•••• <u> </u>			<u> </u>	
Designate Type of Completion		Well	Gas W	eli	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Re	ndy to Pa	od.	_	Total Depth		±	P.B.T.D.	<b>.</b>	
Elevations (DF, RKB, RT, GR, etc.)	Name of Produc	ing Form	ation.		Top Ol/Gas	ay		Tubing Dep	th ·	
Performinen					1			Depth Casis	e Shoe	<u> </u>
	TUB	NG. C	ASING A	ND	CEMENTI	NG RECOR	D	}		
HOLE SIZE			NG SIZE		ļ	DEPTH SET			SACKS CEM	ENT
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<u></u>					<u> </u>			· · · · · ·		
V. TEST DATA AND REQUE OIL WELL (Ten must be ghar	EST FOR ALL			i musi	be equal to or	exceed top eli	owable for th	is depth or be	for full 24 hou	<b>67.</b> )
Date First New Oil Run To Task	Date of Test			توسالند		that (Flow, p				
Length of Test	I Tubing Pressure				Casing Press	179.		Choice Size		
Actual Prod. During Test	i Oil - Bbls.				Water - Bbis			Gas-MCF		
GAS WELL Actual Frod. Test - MCF/D	Length of Test				Bble. Conder	MMCF		Gravity of C	ondenante	
Testing Method (pilot, back pr.)	Tubing Pringing	(Shut-m			Casing Proce	ana (Shuit-ia)	·	Choks Size	<u></u>	
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	1				11					
VI. OPERATOR CERTIFIC	ulations of the Oil (	Connerval	tice .		0		SERV	ATION	DIVISIO	NC
	plations of the Oil ( id that the information	Conservati Dis grvice	tice .		11					NC
I hereby certify that the rules and reg Division have been complied with an	plations of the Oil ( id that the information	Conservati Dis grvice	tice .		11	Approve	idA	UG 2 8 1	989	мс
I bereby certify that the rules and reg Division have been complied with an is use and complete to the best of my Autom.tt. ( Supenne	stations of the Oil ( d that the information to be been and be	Conservat De givea Lief.	above		Date	Approve	10A <u>B.i.1.</u>	UG 281	989	
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INSTRUCTIONS: This form is to be filed in compliance with Rule 1104 request for anomalies for newly whiled or decision with hims or accompliance by anomalies or exclusion each of a section of this form must be filled out for allowable on new and recompleted wells.
 All sections of this form must be filled out for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of operator, well same or number, transporter, or other such changes.
 Separate Form C-104 must be filled for each nonl in multimic constraint wells.

STATE OF NEW MEXICO						Form C-104
•						Remaed 10-01-78
DIST & IOUT ID48	OIL	ONSERV	ATION	DIVISIO	N	Format 06-01-83 Page 1
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ERATOR			AND			
CRATICH PAPER	AUTHORIZATI			AND NATUR	AL GAS	
Union Texas Petroleum Co	proration	•				
2468						······································
P. O. Box 1290, Farmingt	ton, New Mexi	co 87499				
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New Tall		sion er et:		stallin	•	
Re			Dry Gas	16.5		
	Casingheed	7				
Change In Ownership				1-11-45		
address of previous owner		<del> </del>	·····			· .
DESCRIPTION OF WELL AND	LEASE				••••••••••••••••••••••••••••••••••••••	· · · ·
		ione, locieting	Formation	1,	(ind of Lease	Federal Locio No.
McCroden "A"	6 0j	ito Gallup	Dakota-😂	E. !	State, Federal or Fee	SF 079609
				· · ·		
Unit LevierM:352		South	une and <u>93</u>	9	For From The Wes	st
In al Section 9 Towns	-NJP 25N	Barge	3W	, NUPM.	Rio Arriba	County
DESIGNATION OF TRANSPO	RTER OF OIL A	ND NATURA	L GAS	<u> </u>		
ar al Authorized Transporter of Cil	-				which approved copy of	• • •
Conoco, Inc. Surface Tra			<u>IP. O. B</u>	<u>ox 1429,</u>	Bloomfield, N.M	. 87413
Union Texas Petroleum			1		Farmington, N.N	
	Jaii , Sec.	25N 3W	the second design of the secon	ally connected		·····

is production is commingled with that from any other lease or pool, give commingling order numbers

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

## CERTIFICATE OF COMPLIANCE

roy county that the rules and requisions of the Oil Conservation Division have completed with and that the information given is state and complete to the best of now reage and belief.

A Roddy ennern L. (Signature) rea Production Superintenden (Tile) :/26/85 (Date)

	EVATION DIVISION
APPROVED	En 1749 185
BY	anta . Cave
TITLE	SUPERVISOP DISTATOT # 3

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

If this is a request for allowable for a newly drilled or deepense well, this form must be accompanied by a tabulation of the deviation tests taken on the well is 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 1. II. III, and VI for changes of owner, well as we or number, or transporter, or other such change of condition.

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

	F NEW MEXICO NERALS DEPARTMEN	T SANTA F	P. O. BOX 2088 E, NEW MEXICO 87		of Form C-102 Revised (0-1-)
		All distances must be I	from the outer houndaries of	the Section.	
Operator Union	Texas Petroleu	m	McCroden A	:	Well No.
Juit Letter M	Section 9	Township 25 North	Range, 3 West	County Rio Arri	iba
Actual Footage Loc 352	ç	outh line and	939	from the West	
Found Level Elev. 7192	Producing For		P∞: West Lindrit		Dedicated Acreage: SW/4 160.00 Acre
<ol> <li>If more the interest and</li> <li>If more the</li> </ol>	han one lease is nd royalty). an one lease of d	dedicated to the wel	dedicated to the well, 1	ntify the ownershi	ip thereof (both as to working of all owners been consol
this form i No allowat	f necessary.) ble will be assigne	ed to the well until all	l interests have been c	onsolidated (by o	lidated. (Use reverse side communitization, unitizatio een approved by the Divisi CERTIFICATION
	       			tained best of Name	t herein is true and complete to t of my knowledge and beliet. Hat C. Trank
				name Rober Position Permi Compan Unior Date	t C. Frank
				teined best of best of vome Rober Position Permi Compan Unior Date Janua i here shown notes under is mu knowl	therein is true and complete to the first hnowledge and belief.
				I here best of best of best of best of best of Position Position Position Position Date Janua I here shown notes under Is fru knowl Orig Date Sud Permi	therein is true and complete to the of my knowledge and belief. <u>Plat C. Trank</u> <u>t Coordinator</u> <u>y</u> <u>Texas Petroleum</u> <u>try 15, 1988</u> eby certify that the well location of actual surveys made by me my supervision, and that the zam re and correct to the best of m edge and belief.

STATE OF NEW MEXICO ENERGY IN MINERALS DEPARTMENT Form C-104 -----Revised 10-01-78 Format 06-01-83 DISTRIBUTION OIL CONSERVATION DIVISION Page 1 SANTA PE a of t P. O. BOX 2088 FILE SANTA FE, NEW MEXICO 87501 V.1.6.4. LAND OFFICE OIL -REQUEST FOR ALLOWABLE APRIS 31988 AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL CASCOAL ..... OPERATOR PROBATION OFFICE Operator Union Texas Petroleum Address 375 US Highway 64, Farmington, NM 87401 Resson(s) for filing (Check proper bos) Other (Please explain) From Ojite bal Dak New Well Change in Transporter of: 011 Pool change per NMOCD Dry Gas Recemplet 100 R-8544 Casinohead Gas Condensate Change in Ownership If change of ownership give name and address of previous owner, II. DESCRIPTION OF WELL AND LEASE Weil No. | Pool Name, Including Formation Kind of Lease Legae N State, Federal or Fee Fed 6 West Lindrith Gallup Dakota McCroden A SF-079609 1 orgilan 352 South Line and 939 Feet From The \_ West Unit Letter Feet From The 9 25N 3W NMPM, Rio Arriba Line of Section Township Range III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Name of Authorized Transporter of Cli XX hadross (Cive address to which approved copy of this form is to be sent) or Condensate Conoco, Inc. Surface Transportation P. O. Box 1429, Bloomfield, Nm 87413 Name of Authorized Transporter of Casinghead Gas or Dry Gas Address (Give address to which approved copy of this form is to be sent) Union Texas Petroleum 375 US Highway 64, Farmington, NM 87401 Is gas actually connected? Unit Sec. Twp. Rge. If well produces all or liquids, Μ . 9 25N · 3W Yes eive location of tanks. 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

(Dese)

(Tile)

OIL CONSERVATION DIVISION APR 1 8 1988 APPROVED **N**V TITLE

Coun

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 devitests taken on the well in accordance with AULE 111.

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

Fill out only Sections I, II, III, and VI for changes of ov all name or number, or transportet, or other such change of condi-

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

Form C-104 Revised 10-01-78 Format 08-01-63 Page 2

## IV. COMPLETION DATA

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Designate Type of Completion	on - (X)	OIL Well	Gas Well	New Well	Workover	Deepen	Plug Bacz	' Same Res?v.	Diff. Res'v.
Dens Spudded	Date Compl	, Ready to I	Prod.	Totel Depth	·		P.B.T.D.	_ <b></b>	<b>*</b>
Elevenione (DF, RKB, RT, GR, ele.,	Name of Pro	oducing for	mation	Top Oll/Ga	s Pay		Tubing Dep	ich	
Perlerations	<u></u>	·					Depth Cast	ng Shoe	
		TUBING,	CASING, AN	D CEMENTI	NG RECOR	0			
HOLE SIZE	CASI	NG & TUS	ING SIZE	1	DEPTH SE	Τ	5,	ACKS CEMEI	NT
	<u> </u>		· · ·						

# V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of social volume of load oil and must be equal to or exceed top allow OIL WELL able for this depth or be for full 24 houre)

Date First New Oli Run To Tanks	Date of Teet	Producing Method (Flow, pump, gas life	i, ele.;
Longth of Test	Tubing Pressure	Casing Pressure	Choke Sile
Actual Prod. During Test	011-8bls.	Water - Bbis.	Gas - MCF

## GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bble. Condenagte/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Processe ( Shat-is )	Casing Pressure (Shut-18)	Chote Else

Appropriate Display Office	State of Ne Energy, Minerals and Natu	w Mexico ni Resources Department	Form C-104 Review 1-1-89 See Instructions
.O. Box 1920, Hobba, NM 22260 I <u>ISTRICT H</u> .O. Draww DD, Asseia, NM 24210	P.O. Bo		at Bottom of Page
NETRICT III 000 Rio Brazes Rd., Aziec, NM 87410		LE AND AUTHORIZATION	1
Opinior MERIDIAN DIL INC.	TO TRANSPORT OIL	AND NATURAL GAS	Pl Na.
Admin	instan Nov Maufas 014		
P. O. Box 4289, Farmi Resson(s) for Filling (Check proper box)	ington, New Mexico 874	Other (Please applain)	
New Well [] Recompletions [] Change in Operator [2]	Canage is Transporter of: Oil Dry Cas Canaghest Gee 🕅 Conference 🚺	Effect.	6123190
f change of openant give same Unic	on Texas Petroleum Corpo	ration, P. O. Box 2120	Houston, TX 77252-212
L DESCRIPTION OF WELL			
McCRODEN "A"	6 LINDRITH,		Lease Lease No. Indefilt or Fee SF079609
Location Unit LetterM		<u> </u>	e From The Line
Section 9 Townsh	te 25N Range 3W	NMPM, RIO ARRI	SA County
IL DESIGNATION OF TRAN	NSPORTER OF OIL AND NATU	RAL GAS	
Nume of Authorized Transporter of OB Meridian Oil Inc.	CX) or Condensate	Address (Give address to which approved P. O. Box 4289, Farmin	
Nume of Authorized Transporter of Casis Union Texas Petrolrun	nghead Gas 🔄 or Dry Gas 🥅	Address (Give address to which approved	copy of this form is to be sent)
If well produces oil or liquids,		P.O. Box 2120, Houston Is gas actually connected? When	
ive location of tasks. I this production is commissied with that	from my other lease or pool, give comming	ine ordet sumber:	
V. COMPLETION DATA			
Designate Type of Completion	n - (X)	New Well   Workover   Deepen	Plug Back Same Res'v Diff Res'v
Date Spudded	Date Compl. Ready to Paul.	Total Depth	P.B.T.D.
Elevations (DF. RKB. RT. GR. etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
	······································		Depth Casing Shoe
		CEMENTING RECORD	<u> </u>
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HOLE SIZE	CASING & TUBING SIZE		<u> </u>
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HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
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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.

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

o District 1 PO Box 1980, Hobbs	s. NM 88241-1980					ew Mexico Iral Resources Departme	ent				Form C-104 ruary 21, 1994
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II <sup>16</sup> Surfa	ice Locatio			L	<u>-</u>						
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V. Well C Spi Spi VI. Well 1 * Date New O * Choke Size * Thereby cert with and that t knowledge and Signature: Printed Name: Designature: Printed Name: Designature: Designature: Printed Name: Designature: Printed Name: Designature: Printed Name: Designature: Printed Name: Designature: Printed Name: Designature: Printed Name: Designature: Printed Name: Designature: Printed Name: Designature: Printed Name: Designature: Printed Name: Printed Name: Pr	Completion ud Date Hole Size Test Data iii tify that the rule the information d belief.	* POD * Data * R * R * Gas Delivery D. * Oil * Oil * Oil * Oil	eady Dr C trained	te asing & Tul " Test D " Water Division bay	ate	<sup>17</sup> Test Length <sup>14</sup> Gas Approved by: Title:	Depth Set	** PBTD ** Tbg Pressu ** AOF ** AOF NSERVA T. Chavez ct Supervi	TION	* Per * Sacks Ce	rment
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V. Well C "Spi "Spi VI. Well "Date New O "Choke Size "Thereby cert with and that t knowledge and Signature: Printed Name: <u>Printed Name:</u> <u>Printed </u>	Completion ud Date Hole Size Test Data iii iify that the rule the information debief. <i>Queue Queue</i> ange of operate	<sup>11</sup> POD <b>1</b> Data <sup>12</sup> R <sup>14</sup> Gas Delivery D <sup>16</sup> Gas Delivery D <sup>17</sup> Gas Delivery D <sup>16</sup> Oil <sup>16</sup> Oil <sup>17</sup> Signature <sup>17</sup> Till in the OGRI <sup>17</sup> Signature	cady Dc	asing & Tul	ate	<sup>17</sup> Test Length <sup>14</sup> Gas Approved by: Title: Approved Date	Depth Set	** PBTD ** Tbg Pressu ** AOF ** AOF NSERVA T. Chavez ct Supervi	TION	* Per * Sacks Ce	rrent

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District	1					
PO Box	1980,	Hobbs,	NM	88241-31	180	

District II P O Drawer DD; Artesia, NM 88211-0719

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District III 1000 Rio Brazos Rd., Aztec, NM 37410

# District IV PO Bnx 2088, Santa Fe, NM 87504-2088

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

AMMENDED REPORT REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT version Name and Addr

· Operator Name and Address				
	162928 <sup>3</sup> Reason for Filing Code			
84	CO - 8/1/97			
<sup>3</sup> Pool Name LINDRITH GALLUP DAKOTA, WEST	Pool Code     39189			
<sup>8</sup> Property Name MCCRODEN A	9 Well Number # 6			
	A., Inc. 84 3Pool Name LINDRITH GALLUP DAKOTA, WEST Property Name	A., Inc. 84 Pool Name LINDRITH GALLUP DAKOTA, WEST Property Name Pool Name Pool Code 39189 Pool Number		

\*

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

UL or lot no. M	Section 9	Township 025N	Range 003W	Lot.ldn	Feet from the 352	North South Line S	Feet from the 939	East/West Line W	County RIO ARRIBA
<sup>11</sup> Bottom	Hole Loca	ition							
UI or lot no.	Section	Township	Range	Lot.ldn	Feet from the	North South Line	Feet from the	East/West Line	County
12 Lse Code	l	Producing Method (	Cude 14 Gas C	Connection Date	<sup>15</sup> C-129 Perm	It Number	C-129 Effective T	Date 17 C-129 Date Date	Expiration

# III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 Q/G	22 POD ULSTR Location and Description	
14538	BURLINGTON PESOUPCES OIL & GAS 5051 WESTHEIMER SUITE 1400		G	M-09-T025N-R003W	
	HOUSTON, TX 77856-2124	Bard B. A. States			
9018	Giant Industries 5764 US Hwy 64	1320810	0	M-09-T025N-R003W	
	Facmington, MM \$7401				

		24 POD ULSTR Location and Description				
tion Data				······		
<sup>26</sup> Ready D	atc	27 71)	28 PBTD	29 Perforations		
e	Casing & Tubing Size	32 Dept	th Sct	33 Sacks Cement		
			1 A			
				· · ·		
	· · · · · · · · · · · · · · · · · · ·					
l		I	I			
35 Gas Delivery Date	<sup>16</sup> Test Date	37 Test Longth	<sup>38</sup> Thg. Pressure	<sup>39</sup> Csg. Pressure		
<sup>41</sup> Oil	42 Water	<sup>43</sup> Gas	<sup>44</sup> AOF	45 Test Method		
-	26 Ready D e 31 C ata 33 Gas Delivery Date	26 Ready Date e 31 Casing & Tubing Size ata 33 Gas Delivery Date 36 Test Date	e <sup>31</sup> Casing & Tubing Size <sup>32</sup> Depi	26 Ready Date     27 Tf)     28 PBTD       e     31 Casing & Tubing Size     32 Depth Set       ata     37 Gas Delivery Date     36 Test Date       37 Test Length     38 Thg. Pressure		

complied with and that the information given above is true and complete to the	OIL CONSERVATION DIVISION				
best of my knowledge and belief.	Approved by:	77.*	8		
Printed Name Joe D. Niederhofer	Title:	SUPERVISOR D	ISTHICT #3		
Tille: General Manager - San Juan Basin	Approved Date:	AUG 1 2	1997_		
Date: Phone (205) 326-2710					
47 If this is a change of operator fill in the OGRID number and name of the previo 14538 Burlington Resources Oil & Gas Co.	us operator				
Previous Operator Signature	Printed Name	Title	Date		

47 If this is a change of operator fill in the OGRID number and name of	of the previous operator		
14538 Burlington Resources Oil & Gas Co.			
Previous Operator Signature	Printed Name	Title	Date
Signature: Aloro Dian	Dolores Diaz	Production Associate	8/1/97

I.

^ -

\*District [ PU Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District [[] 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

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State of New Mexico					
Energy,	Minerals & Natural Resources Department				

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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

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# AMENDED REPORT

I.	R	EQUEST	FOR A	LLOWA	BLE AND A	UTHORIZAT	TON TO TI	RANSPORT		
	<sup>1</sup> Operator name and Address ENERGEN RESOURCES CORPORATION						2 (	2 OGRID Number		
ENERGEN RE							1	162928		
2198 Bloom	field Hw	у					3 Re	ason for Filing Co	1e	
Farmington	NM 87	401						CH 10-1-98		
4 #	PI Number		3 Pool Name				6 Pc	ol Code		
30-0 3	0-039-23	246	W LINDRITH GALLUP DAKOTA					39189		
<sup>7</sup> Pro	perty Code		8 Property Name				9 Well Number			
	21977				MCCROD	EN A	6			
II. <sup>10</sup>	Surface	Location	1							
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County	
<u> </u>	09	25N	03W		352	s	939	W	RA	
11	Bottom	Hole Lo	cation							
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County	

	L				
12 Lse Code	13 Producing Method Cod	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	17 C-129 Expiration Date
F					

#### III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
				•
				DECEIVED
				Offle Coinse Bill
				DIG CONS ESS. DIST. 3
IV Produced Wa	ter			······································

IV. Produced Water 23 POD

24 POD ULSTR Location and Description

### V. Well Completion Data

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

## VI. Well Test Data

35 Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	38 Test Length	<sup>39</sup> Tbg. Pressure	40 Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil	43 Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method
	he rules of the Oil Conservation he information given above is the e and belief.		A survey of Surv	CONSERVATION DI	
Printed name: Original signed	d by Joe Niederhofer		Title:		
Title: General Manager			Approval Date:	OCT 1 1998	
Date: 17-Sep-98	Phone: 5	05-325-6800			
<sup>47</sup> If this is a change of	f operator fill in the OGRID nu	-			
		laurus	Exploration U.S.A.		<u>1-0ct-98</u>
	Previous Operator Signature		Printed Name		Title Date

۰	**	•••••	e per transmissione				
				1			
				· .			
Submit 3 Copies To Appropriate District Office	State of New Energy Minorals and I					Form C-	
District I	Energy, Minerals and I	Natur	ai Resources	WELL API	NO	Revised March 25,	1999
1625 N. French Dr., Hobbs, NM 87240 District II	OIL CONSERVA	TION			)0392	23246	
811 South First, Artesia, NM 87210 District III	OIL CONSERVATION DIVISION 2040 South Pacheco			5. Indicate Type of Lease			
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505			STATE 🗌 FEE 🗌			
District IV 2040 South Pacheco, Santa Fe, NM 87505				6. State Oil	& Gas I	Lease No.	
<b></b>				NMSF 079			
(DO NOT USE THIS FORM FOR PROP		PEN Q	R PLUG BACK TO A	7. Lease Na	me or U	nit Agreement Name:	
DIFFERENT RESERVOIR. USE "APPLI PROPOSALS.)	CATION FOR PERMIT" (FORM	I C-101	1) FOR SUCH				
1. Type of Well:	6.5			McCroden A	•		
Oil Well 🔲 Gas Well 🕱	Other 🎊		AN COST TO				
2. Name of Operator			0	8. Well No.		_	
ENERGEN RESOURCES CORPORATI 3. Address of Operator	<u>0N</u>	<u>.</u>		9. Pool nam	e or Wi	Ideat	
2198 Bloomfield Hichway, Fa	mington, NM 87401		N.			ndrith Gl-Dk	
4. Well Location	10 North	En.	A CONTRACTOR			······································	
Unit Letter <u>M</u> :	352 feet from the	Sou	the and	<u>939</u> f	et from	the West 1	ine
Section 9	Township 25	N I	Range 3W	NMPM		County Rio Arri	ba
	10. Elevation (Show whe	ether I	DR, RKB, RT, GR,	etc.)			
11 Charle	Appropriate Dev to Ind		2' GR	a Damant an		99999999999999999999999999999999999999	1995
	Appropriate Box to Ind	Icale		· • ·			
				BSEQUENT	KEP		
	PLUG AND ABANDON		REMEDIAL WORK			ALTERING CASING	
	CHANGE PLANS		COMMENCE DRIL			PLUG AND ABANDONMENT	L
	MULTIPLE COMPLETION		CASING TEST AN	ID			
OTHER: Pay Add & Downhole Co	mmingle		OTHER:				
12. Describe Proposed or Complet			· · · · · · · · · · · · · · · · · · ·	aive partinent de	too incl	huding optimated data	
of starting any proposed work). or recompilation.							
In accordance to case 12 and the W. Lindrith GL-DJ MV perforations 5730-610 Current Rates: MV- Not y following 60 days of stal	k (39189). O'Est., GL-DK perforat et completed. GL/DK- 18	cions 3 MCFI	6923-8106'. D & 4 BO. Recomm	ended allocat	ion-S	ubtraction method	
The HIM has been notifie	d of this pay add via I	Form 3	3160-5.				
All formation fluids are All working interest, ov		_		-	-	-	
فيستحد المكردية بالمسيد فكروج والمتحاط الشيبي فالقفف فستحد والمتراجع	HC 1381AZ						
I hereby certify that the information abov		est of n	ny knowledge and bel	ief.			
SIGNATURE Cher	Jul	. TITL	<u>F District Engi</u>	neer	D	ATE 12/23/03	

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	DATE	
Type or print name Charlie Donahue	Telephone No. 505-325-6800	
APPROVED BY	PECTOR, DIST. JAN - 2 2004	
Conditions of approval, if any:		
Page: 1 Document	ment Name: untitled	
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CMD : OG6IWCM	ONGARD INQUIRE WELL COMPLETIONS	03/29/04 08:12:22 DETIONS OGOMES -TPQZ
API Well No Pool Idn OGRID Idn Pron Idn	: 30 39 23493 Eff Date : 01-24- : 72319 BLANCO-MESAVERDE (PRORATED : 162928 ENERGEN RESOURCES CORPORA - 21977 MCCRODEN A	01-24-2003 WC Status : A RORATED GAS) CORPORATION
Well No : GL Elevation:	007 7252	
	U/L Sec Township Range Nor	North/South East/West Prop/Act(P/A)
dent: ated		с. 890 г. 890 г. 190 г. 190 г.
Lease Type Type of cons	pe : F consolidation (Comm, Unit, Forced ]	Pooling - C/U/F/O) :
PF01 HELP PF07	PF02 PF03 EXIT PF04 PF08 PF09 PF10	GOTO PF05 PF06 NEXT-WC PF11 HISTORY PF12 NXTREC
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Date: 3/29/2004 Time: 08:13:46 AM

91 AS) Well No : 007 Simultaneous Dedication: Revised Cl02? (Y/N) : 	GAS) GAS) Revised Revised N N N N N N N N N N N N N N N N N N N	04-30-1 ORATED 0.00  Acreage  40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 LAND	EXIT Eff Dat EXIT	93 Eff CO-MESAV Order A Order : Acreage /L Sec /L Sec 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	30 39 2349 72319 BLANC 21977 MCCF 35325 OCD 9 25N 03W 	PP: nd	API Well No Pool Idn Spacing Unit Sect/Twp/Rng Dedicated La Dedicated La F0005 PF01 HELP PF01 HELP PF07 BKWD
03/29/04 08:12:27 OGOMES -TPQZ		ACREAGE	ONGARD C102 - DEDICATE	C102-			CMD : OG6ACRE

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M	CONFIRM	PF06 PF12	NXTOGD	PF05 PF11	04 GoTo 10 NXTPOOL	oll PF04 PF10	keys to scroll PF03 EXIT PF09	: Enter PF PF02 PF08 FWD	M0025: HELP P BKWD P	PF01 H PF07 B	ਸ ਸ ਸ
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Ч	37			5633	28	02 03		MCCRODEN A	23493	ω 9	30
Έ				763	31	01 03			23493	ω	30
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:12:35 -TPQZ	/04 08:1: OGOMES -	03/29/04 08:12:35 OGOMES -TPQZ	03,	POOL/WELL	BY POOL	ONGARD PRODUCTION	O INQUIRE PROD		Ü	CMD : OG6IPRD	CMD
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Date: 3/29/2004 Time: 08:13:58 AM

Stand Standards and Standards

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E0049: User may continue scrolling. PF01 HELP PF02 PF03 EXIT PF04 PF07 BKWD PF08 FWD PF09 PF10	Reporting Period Total (Gas,	30       39       23493       MCCRODEN       A       08         30       39       23493       MCCRODEN       A       09         30       39       23493       MCCRODEN       A       10         30       39       23493       MCCRODEN       A       10         30       39       23493       MCCRODEN       A       11         30       39       23493       MCCRODEN       A       11         30       39       23493       MCCRODEN       A       12	.PI Well No Property Name	Page: 1 Document Name: untitled       ONGARD         CMD :       ONGARD         OG6IPRD       INQUIRE PRODUCTION B         OGRID Identifier :       162928 ENERGEN RESOURCES         Pool Identifier :       72319 BLANCO-MESAVERDE (         API Well No       :       30       39       23493 Report Peri	
PF04 GoTo PF10 NXTPOOL	 Oil) :	03 03 03 31 03 31 03 31	Prodn. Days MM/YY Prod		
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PF06 CONFIRM PF12	ωı	74 74 F 74 F F	Wel Water Sta	03/29/04 08:12:38 OGOMES -TPQZ Page No: 2 To : 01 2004	

17 is -

Date: 3/29/2004 Time: 08:13:59 AM

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	No : 008 levation: 7150 U/L Sec Township Range North/South  Locn : N 9 25N 03W FTG 1120 F S Identifier: cated Acre: 320.00 P Type : F	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	VCM	Page: 1 Document Name: untitled
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Date: 3/29/2004 Time: 08:12:41 AM

E0005: PF01 HELP PF PF07 BKWD PF		CMD : OG6ACRE API Well No : Pool Idn : Prop Idn : Spacing Unit : Sect/Twp/Rng : Dedicated Land:
: Enter data PF02 PF08 FWD	Base	30 39 72319 21977 35325 9 25N
to mod PF03 E PF09	U/L Sec J Sec M S M S V S V V S V V S S S S S S S S S S S S	O C102-DE 24059 Eff LANCO-MESAV MCCRODEN A OCD Order : 03W Acreage
modify or 03 EXIT 09	25N 25N 25N 25N 25N 25N 25N 25N	ONGARD C102-DEDICATE 24059 Eff Date BLANCO-MESAVERDE ( MCCRODEN A OCD Order : 03W Acreage :
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CONFIRM RECONF	ot Idn	03/29/04 08:11:23 OGOMES -TPQZ Page No : 1 Well No : 008 us Dedication: 02? (Y/N) :

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ge: 1 Document Name: untitled MD: G6IPRD Inquire Inqu	ONGARD DUCTION BY POOL/WELL RESOURCES CORPORATION SAVERDE (PRORATED GAS sport Period - From : Prodn. Days Prod Prodn. Days Prod MM/YY Prod Gas 	03/29/04 08:11 OGOMES -T Page No: 01 2003 To : 01 2004 01 2003 To : 01 2004 0il Water S 0il Water S 2 60 17
<ol> <li>39 24059 MCCRODEN</li> </ol>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8 6 0 0
Reporting Period Total M0025: Enter PF keys to PF01 HELP PF02 PF03 E PF07 BKWD PF08 FWD PF09	(Gas, Oil) :  scroll EXIT PF04 GoTo PF05 PF10 NXTPOOL PF11	 5 PF06 CONFIRM 1 NXTOGD PF12

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CMD : ONGARD 03/29/04 08:11:46 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPQZ	246 202
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)	'A) 
9 25N 03W FTG 1850 F S FTG 1844 F E 20.00 tion (Comm, Unit, Forced Pooling - C/U/F/O) :	
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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 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:

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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 <u>19th</u> 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 exhibitsshow that one well will efficiently drain one hundred sixty(160) acres in the Ojito Gallup-Dakota and in the West Lindrith

-2-Case No. 9228 Order No. R-8544

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: A11 Section 12: SW/4 and E/2 Sections 13 and 14: A11 Section 23: SW/4 and E/2 Sections 24 through 26: A11 Section 34: S/2 Sections 35 and 36: A11

(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.

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(b) The West Lindrith Gallup-Dakota Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, as heretofore classified, Case No. 9228 Order No. R-8544

-3-

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

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM Sections 1 through 18: A11 Section 19: NE/4Section 20: N/2Section 21: N/2Section 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 Mie /1 colus. ERLING A. BROSTUEN, Member

WILLIAM J. LEMAN, Chairman and Secretary

SEAL fd/ 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 <u>31st</u> 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. -2-CASE NO. 4703 Order No. R-4314

(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 nonstandard 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 <u>7th</u> 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 Page 2 Case No. 9226 and Case No. 9227 Order No. R-4214-A

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. Page 3 Case No. 9226 and Case No. 9227 Order No. R-4214-A

(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. Page 4 Case No. 9226 and Case No. 9227 Order No. R-4214-A

(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: Page 5 Case No. 9226 and Case No. 9227 Order No. R-4214-A

> (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.

> Should any West Lindrith well in the one-half (b) 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 <u>dismissed</u> 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: Page 6 Case No. 9226 and Case No. 9227 Order No. R-4214-A

## 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 а 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 Page 7 Case No. 9226 and Case No. 9227 Order No. R-4214-A

> 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. Page 8 Case No. 9226 and Case No. 9227 Order No. R-4214-A

> 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. Page 9 Case No. 9226 and Case No. 9227 Order No. R-4214-A

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

SEAL

## 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 <u>nunc</u> 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 Construction ERLING A. BROSTVEN, 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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CASE NO. 8148 Order No. R-7506-A

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OIL CON. DIV.

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

### NUNC PRO TUNC ORDER

#### BY THE DIVISION:

DIST. 3 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 <u>25th</u> day of May, 1984.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION JOE D. KAMEY Director

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APR2 6 1984

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

OIL CON. DIV. DIST. 3

> 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

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#### 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 <u>20th</u> 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

-2-Case No. 8148 Order No. R-7506

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

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(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 OLL CONSERVATION DIVISION

JOE D. RAMEY,

Director

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