

CMD : ONGARD 08/23/04 09:33:36  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPX6

API Well No : 30 39 26469 Eff Date : 10-01-2000 WC Status : A  
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
OGRID Idn : 189071 PURE RESOURCES LP  
Prop Idn : 26629 RINCON UNIT

Well No : 146M  
GL Elevation: 6560

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: E	23	27N	06W	FTG 2290 F N	FTG 550 F	W P
Lot Identifier:							
Dedicated Acre:	320.00						
Lease Type	: F						
Type of consolidation	(Comm, Unit, Forced Pooling - C/U/F/O) : U						

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO SF 079365A	
2. NAME OF OPERATOR Union Oil Company of California (dba(Unocal))		6. INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 671, Midland TX.		7. UNIT AGREEMENT NAME Rincon Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement) At surface: 2290' FNL and 550' FWL At proposed prod. zone: Same as Surface		8. FARM OR LEASE NAME, WELL NO Rincon Unit 146M	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 40 miles Southeast from Bloomfield NM.		9. API WELL NO 30-039-26469	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE FT (Also to nearest city, unit line, if any) 2300'		10. FIELD AND POOL OR WILDCAT Basin Dakota/ Mesa Verde	
16. NO. OF ACRES IN LEASE 2645.09		11. SEC. T. R. M., OR BLK. AND SURVEY OR AREA E Sec. 23, T-27-N, R-6-W	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 <sup>W</sup> /320 <sup>N</sup>		12. COUNTY OR PARISH Rio Arriba	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. 2291'		13. STATE NM	
19. PROPOSED DEPTH 7702'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc) 5560' GR		22. APPROX. DATE WORK WILL START July 1, 2000	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	H-40 9-5/8"	32.3#	350'	285 SACKS "B" TOC @ SURFACE
8-3/4"	K-55 7"	20#	2800'	300 SACKS TYPE III TOC @ SURFACE
6-1/4"	N-80 4-1/2"	11.6#	7702'	SACKS 65/35 POZ TYPE III TOC TIED INTO 7" CASING

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4. **"Expedited APD/ROW"**

Unocal plans to drill the Rincon Unit 146M, and complete in the Mesa Verde and the Basin Dakota and downhole commingle the two formations.

BOP- One double gate BOP with 3-1/2" pipe and blind rams, one choke manifold with adjustable and positive chokes, an accumulator will hydraulically operate BOP with 1 1/2 times the necessary capacity to close the rams and retain a minimum of 200 psi above recharge. Rotating head will be utilized during the drilling of the 6-1/4" hole. (Schematics are attached)

We will have a fire suppression system in place, in the event that we have to flare while dust drilling the production hole.

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

SIGNED Mike C. Phillips TITLE PERMIAN ROCKY MOUNTAIN DRILLING FOREMAN DATE 05/31/00

(This space for Federal or State office use)

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

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the application to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /s/ Jim Lovato TITLE \_\_\_\_\_ DATE JUL 12 2000

\*See Instructions On Reverse Side

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

HOLD C104 FOR NSL-Basin Dakota

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30039-26469		2 Pool Code 71599		3 Pool Name Basin Dakota	
4 Property Code 011510		5 Property Name RINCON UNIT			6 Well Number 146M
7 OGRID No. 023708		8 Operator Name UNION OIL COMPANY OF CALIFORNIA			9 Elevation 6560 -

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	23	27 N	6 W		2290	North	550	West	Rio Arriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 320 N/L		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>Sec. S89°47'W</p> <p>78.54ch</p> <p>2290'</p> <p>550'</p> <p>NSL</p> <p>SEC 23</p> <p>SF-019365A</p> <p>79.60ch.</p> <p>JUL 2000</p> <p>79.13ch.</p>		<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Mike Phillips</i></p> <p>Signature Mike Phillips Printed Name Rky Mtn/Perm Basin Drlg Foreman Title 3/9/2000 Date</p>	
<p>FD. N89°44'W</p> <p>80.15ch.</p> <p>FD.</p>		<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief</p> <p>30 Feb 2000</p> <p>Date of Survey</p> <p><i>William J. Mahne II</i></p> <p>Signature and Seal of Professional Surveyor (#8466)</p> <p>William J. Mahne II</p> <p>Certificate Number 8466</p>	

District I  
PO Box 1980, Hobbs, NM 88241-1980  
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District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-26469		2 Pool Code 72319		3 Pool Name Blanco Mesa Verde	
4 Property Code 011510		5 Property Name RINCON UNIT			6 Well Number 146M
7 OGRID No. 023708		8 Operator Name UNION OIL COMPANY OF CALIFORNIA			9 Elevation 6560

10 Surface Location

11 Ul. or lot no. E	12 Section 23	13 Township 27 N	14 Range 6 W	15 Lot Idn	16 Feet from the 2290	17 North/South line North	18 Feet from the 550	19 East/West line West	20 County Rio Arriba
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11 Bottom Hole Location If Different From Surface

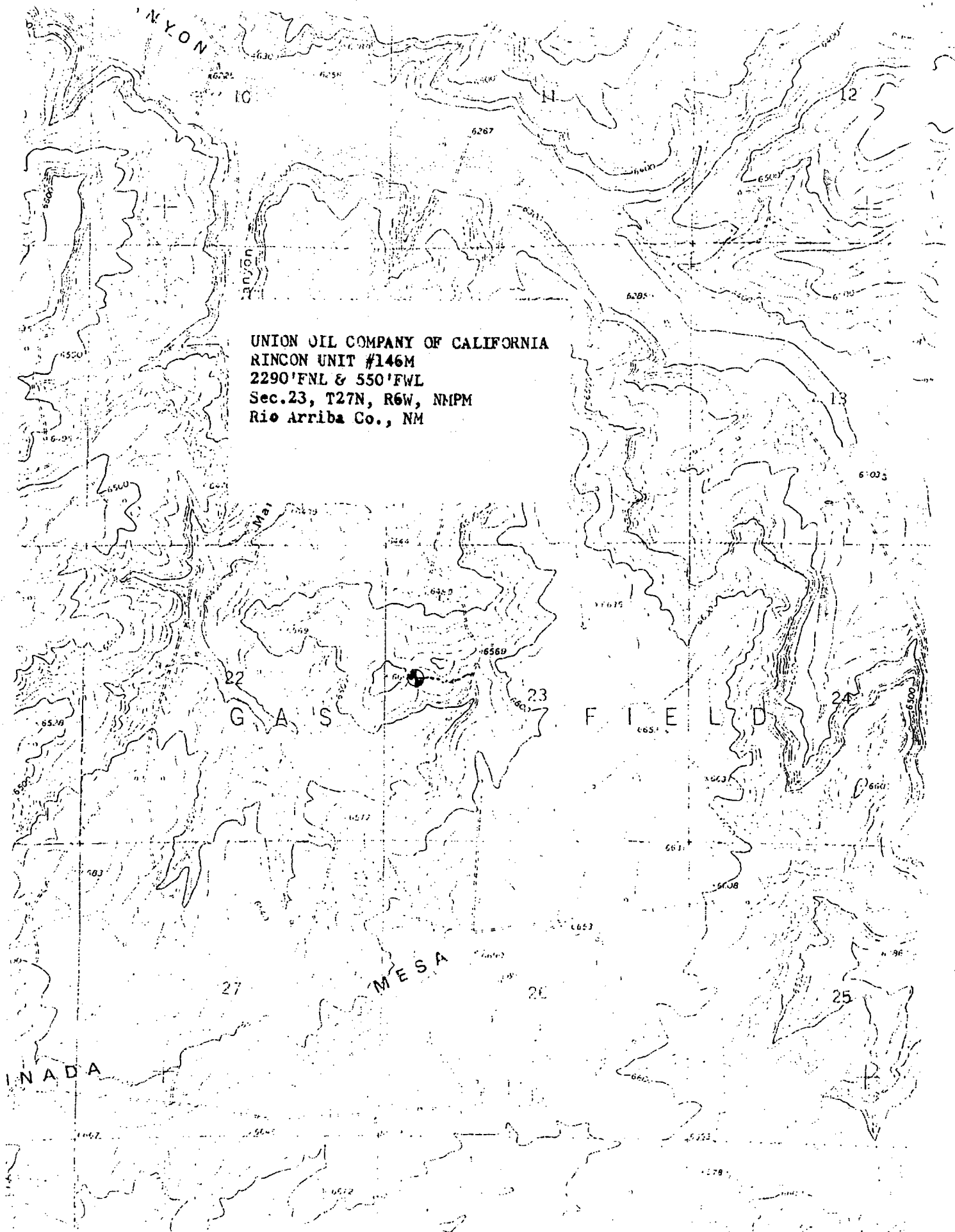
21 Ul. or lot no.	22 Section	23 Township	24 Range	25 Lot Idn	26 Feet from the	27 North/South line	28 Feet from the	29 East/West line	30 County
31 Dedicated Acres 320 W/2		32 Joint or Infill		33 Consolidation Code		34 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Fd. S89°47'W		79.60ch.		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature <u>Mike Phillips</u> Printed Name Rky Mtn/Perm Basin Drlg Foreman Title 3/9/2000 Date	
78.54ch. 2290' 550' 146M	82A	SEC 23	9365-A	79.13ch.	
Fd. NO 58'E	82			NO 38'E	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief Date of Survey Signature and Seal of Professional Surveyor #8466 William T. Mahnke II Certificate Number 8466
Fd. N89°44'W				80.15ch.	

New Mexico Oil Conservation Division

UNION OIL COMPANY OF CALIFORNIA  
RINCON UNIT #146M  
2290'FNL & 550'FWL  
Sec.23, T27N, R6W, NMPM  
Rio Arriba Co., NM



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)FORM APPROVED  
JMB NO. 004-0137  
EXPIRES: February 28th, 1995

LEASE DESIGNATION AND SERIAL NO.

SF 079365A

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		1b TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> FLAG BACK <input type="checkbox"/> DIFF. RESRV. <input type="checkbox"/> OTHER <input type="checkbox"/>		2 Name of Operator <b>Union Oil of California/dba UNOCAL</b>	
3 Address of Operator <b>P.O. Box 850 - Bloomfield, NM 87403</b>		4 LOCATION OF WELL (Report location clearly and in accordance with any State requirement)* At surface <b>2290' FNL &amp; 550' FWL</b> At top prod. interval report below At total depth <b>SAME</b>		5 PERMIT NO. <b>07/12/00</b>	
15 DATE SPUDDED <b>9/6/2000</b>		16 DATE T.D. REACHED <b>09/12/00</b>		17 DATE COMPL. <i>Ready to prod</i> <b>10/1/2000</b>	
18 ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>6560' GR</b>		19 ELEV. CASING HEAD		20 TOTAL DEPTH, MD & TV <b>7713'</b>	
21 PLUG BACK T.D., MD & TV <b>7697'</b>		22 IF MULTIPLE COMPL. HOW MANY <b>== == &gt;</b>		23 INTERVALS DRILLED BY <b>0' - 7702'</b>	
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* <b>BASIN DAKOTA 7454' - 7674'</b>		25 Was Directional Survey Made <b>NO</b>		26 TYPE ELECTRIC AND OTHER LOGS RUN <b>CNL - CCL - GR</b>	
27 Was Well Cored <b>NO</b>		28 CASING RECORD (Report all strings set in well)		29 LINER RECORD	
Casing Size		Weight LB./FT.		Depth Set (md)	
9 5/8"		32.3#		355'	
7"		20#		2871'	
4 1/2"		11.6#		7656.75"	
Hole Size		Cement Record		Amount Pulled	
12 1/4"		200sx TYPE 111			
8 3/4"		375sx TYPE 111 CMT			
6 1/4"		325sx TYPE 111 35:65 POZ CMT			
Size		Top (MD)		Bottom (MD)	
n/a					
Screen (MD)		Sack Cement*		Tubing Record	
				Depth Set (MD)	
				Packer Set (MD)	
31. Perforation record (Interval, size, and number) <b>7454', 7471', 7477', 7483', 7486', 7491', 7498', 7505', 7534', 7542', 7466', 7570', 7601', 7606', 7609', 7615', 7620', 7624', 7630', 7634', 7641', 7645', 7658', 7663', 7668, 7674' (26 HOLES, 1 JSPF)</b>		32. ACID, SHOT, FRACTURED, CEMENT, SQUEEZE, ETC. Depth Interval (MD) <b>7454' - 7674'</b> Amount and Kind Material Used <b>W/71,000 gals 70Q 30# crosslinked foam + 142,180# 20/40 OTTAWA sand + 9220# 14/40 flexand</b>			
33. Date First Production <b>10/3/2000</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>flowing</b>		Well Status (Producing or shut-in) <b>S.I.</b>	
Date of Test <b>10/3/2000</b>		Hours Tested <b>24 hrs</b>		Choke Size <b>14/64</b>	
Flow Tubing Press. <b>n/a</b>		Casing Pressure <b>450 psi</b>		Calculated 24 - Hours Rate <b>== == &gt;</b>	
Disposition of Gas (Sold, used for fuel, vented, etc.) <b>vented</b>		Oil - Bbl. <b>0 bbls</b>		Gas - MCF <b>1.08mmcf</b>	
Water - Bbl. <b>20 bbls</b>		Gas - Oil Ratio <b>0</b>		Oil Gravity - API - (Corr.) <b>20 bbls</b>	
List Attachments		Test Witness <b>ACCEPTED FOR RECORD</b> <b>Mike Phillips</b>		Date <b>NOV 01 2000</b>	

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

Signature Melvin M. Costello Title S.J. Basin Production ClerkFARMINGTON FIELD OFFICE  
BY 10/3/2000

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

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

37 SUMMARY OF POROUS ZONES: (Show all Important zones of porosity and contents thereof; cored intervals; and all drill -stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	2528'		water
Fruitland Coal	2745'	2765'	gas
Pictured Cliffs	3246'	3341'	gas
Mesa Verde	4917'	5848'	gas
Dakota	7567'	7702'	gas

38. GEOLOGIC MARKERS			38. GEOLOGIC MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
San Jose	Surface		Mancos	5848'	
Ojo Alamo	2637'		Tocito Sand	6997'	
Kirtland Shale	2707'		Dakota	7567'	
Pictured Cliffs	3246'				
Lewis Shale	3341'				
Cliff House	4917'				
Point Lookout	5442'				

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-104  
Revised July 28, 2000

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☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address <b>PURE RESOURCES P.O. BOX 850 BLOOMFIELD, NM 87413</b>		2 OGRID Number <b>189071</b>
4 API Number <b>30-039-26469</b>		3 Reason for Filing Code <b>NW</b>
5 Pool Name <b>BASIN DAKOTA</b>		6 Pool Code <b>72319 71599</b>
7 Property Code <b>26629</b>		8 Well Number <b>146M</b>

II. Surface Location

UI or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South Line	Feet from the	East/West Line	County
<b>E</b>	<b>23</b>	<b>27N</b>	<b>06W</b>		<b>2290'</b>	<b>NORTH</b>	<b>550'</b>	<b>WEST</b>	<b>RIO ARriba</b>

11 Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South Line	Feet from the	East/West Line	County
12 Lse Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
<b>009018</b>	<b>GIANT REFINING BOX 12999 SCOTSDALE, AZ 85267</b>	<b>2827446</b>	<b>0</b>	
<b>007057 151618</b>	<b>EL PASO FIELD SERVICES P.O. BOX 990 FARMINGTON, NM 87499</b>	<b>2827447</b>	<b>G</b>	

IV. Produced Water

23 POD	24 POD ULSTR Location and Description
<b>2827448</b>	

V. Well Completion Data

25 Spud Date	26 Ready Date	27 TD	28 PBTD	29 Perforations	30 DHC, DC, MC
<b>09/06/00</b>	<b>10/16/00</b>	<b>7713'</b>	<b>7697'</b>	<b>7454' - 7674'</b>	
31 Hole Size	32 Casing & Tubing Size	33 Depth Se.	34 Sacks Cement		
<b>12 1/4"</b>	<b>9 5/8"</b>	<b>355'</b>	<b>200sx type 111 cmt</b>		
<b>8 3/4"</b>	<b>7"</b>	<b>2871'</b>	<b>375 sx cmt</b>		
<b>6 1/4"</b>	<b>4 1/2"</b>	<b>7713'</b>	<b>325 600sx cmt</b>		
	<b>2 3/8"</b>	<b>7672'</b>			

VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date	37 Test Date	38 Test Length	39 Tbg. Pressure	40 Csg. Pressure
<b>10/03/00</b>	<b>a.s.a.p.</b>	<b>10/03/00</b>	<b>24 HRS</b>	<b>n/a</b>	<b>450 PSI</b>
41 Choke Size	42 Oil	43 Water	44 Gas	45 AOF	46 Test Method
<b>14/64</b>	<b>0</b>	<b>20 BBLs</b>	<b>1.08mmcf/d</b>		<b>separator</b>

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Melissa M. Osborne</i> Printed name: <b>Melissa M. Osborne</b> Title: <b>San Juan Basin Production Clerk</b> Date: <b>10/26/00</b> Phone: <b>(505) 632 - 1811</b>		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: <b>SUPERVISOR DISTRICT IV</b> Approval Date: <b>JAN 10 2001</b>	
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