

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

01/05/04 13:53:07  
OGOMES -TPN9

API Well No : 30 39 27528 Eff Date : 10-28-2003 WC Status : N  
Pool Idn : 97232 WC BASIN MANCOS  
OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
Prop Idn : 21938 JICARILLA 96

Well No : 003R  
GL Elevation: 7081

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : B	12	26N	03W	FTG	660 F N	FTG 2500 F E	P

Lot Identifier:  
Dedicated Acre: 160.00  
Lease Type : J  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

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

CMD : ONGARD 01/05/04 13:52:58  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPN9

API Well No : 30 39 27528 Eff Date : 10-28-2003 WC Status : N  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
Prop Idn : 21938 JICARILLA 96

Well No : 003R  
GL Elevation: 7081

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	---	-----	-----	-----
B.H. Locn : B	12	26N	03W	FTG	660 F N	FTG 2500 F E	P

Lot Identifier:  
Dedicated Acre: 320.00  
Lease Type : J  
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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0136  
Expires: November 30, 2000

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. Jicarilla Contract 96	
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Jicarilla Apache	
2. Name of Operator Energen Resources Corporation		7. Unit or CA Agreement Name and No. 21938	
3a. Address 2198 Bloomfield Highway, Farmington, NM 87401		8. Lease Name and Well No. Jicarilla 96 3R	
3b. Phone No. (include area code) 505-325-6800		9. API Well No. 30-039-27528	
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 660' FNL, 2500' FEL At proposed prod. zone		10. Field and Pool, or Exploratory Blanco MV/WC-26N3W12B-Ga-Hup	
14. Distance in miles and direction from nearest town or post office* 15 Miles North of Lindrith, NM		11. Sec., T., R., M., or Blk. and Survey or Area B Sec. 12, T26N, R03W, N.M.P.M.	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 660'		12. County or Parish Rio Arriba	
16. No. of Acres in lease 2530.72'		13. State NM	
17. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2000'		19. Proposed Depth 7588	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7081' GL		20. Spacing Unit dedicated to this well 1600 muncos 320/mv E/2	
22. Approximate date work will start* November 2003		23. BLM/BIA Bond No. on file	
23. Estimated duration 10 days			

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan  | 5. Operator certification.   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Vicki Donaghey</i>	Name (Printed/Typed) Vicki Donaghey	Date 09/27/02
Title Production Assistant		
Approved by (Signature) <i>/s/ David R. Sitzler</i>	Name (Printed/Typed) —	Date OCT 28 2003
Title <i>for Assistant Field Manager</i>		

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 applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, 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.

\*(Instructions on Reverse)

HOLD C104 FOR *NSL*

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

District II  
PO Drawer 00, 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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code 72319 / 97232	*Pool Name Basin Mancos BLANCO MESAVERDE / WC:26N3W12E, GALLUP (G)
*Property Code 21938	*Property Name JICARILLA 96	*Well Number 3R
*GRID No. 162928	*Operator Name ENERGEN RESOURCES CORPORATION	*Elevation 7081'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	12	26N	3W		660	NORTH	2500	EAST	RIO ARriba

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 160 acres 320.0 Acres - (E/2) (Gallup) Mancos					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup> 5280.00' 5280.00' 5280.00' 5280.00'		<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature <u>Don Graham</u> Printed Name Don Graham Title Production Superintendent Date 9-27-02
		<sup>18</sup> 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: JUNE 24, 2002 Signature and Seal of Professional Surveyor  JASON C. EDWARDS Certificate Number 15269

## OPERATIONS PLAN

WELL NAME: Jicarilla 96 #3R

LOCATION: 660' FNL, 2500' FEL, Section 12, T26N, R3W, Rio Arriba, New Mexico

FIELD: Blanco Mesaverde/Wildcat:26N3W12B; Mancos ELEVATION: 7081'

### FORMATION TOPS:

Surface	San Jose	Huerfanito Benonite	4133
Nacimiento	2133	Cliff House	5413
Ojo Alamo	3193	Menefee	5483
Kirtland	3398	Point Lookout	5788
Fruitland	3443	Mancos Shale	6073
Pictured Cliffs	3608	<del>Gallup</del> El Vado mbr	6813
Lewis	3813		
Total Depth			7588

### LOGGING PROGRAM:

Open Hole Logs:

Surface to intermediate: NONE

Inter TD to total depth: Temp/HRI/CNT, LDT/GR

Mud Logs: 3600' to total depth

Coring: None

Natural Gauges: Every 500' from intermediate TD to total depth

MUD PROGRAM: Fresh water low solids mud from surface to intermediate TD (9.0 – 9.2 PPG).

Air/mist from intermediate casing point to total depth.

### CASING PROGRAM:

<u>HOLE SIZE</u>	<u>DEPTH</u>	<u>CSG SIZE</u>	<u>WT.</u>	<u>GRADE</u>
12-1/4"	200'	9-5/8"	36#	J-55
8-3/4"	4013'	7"	23#	J-55
6-1/4"	3863'-7588'	4-1/2"	11.6#	J-55

### TUBING PROGRAM:

7500'	2 3/8	4.7#	J-55
-------	-------	------	------

WELLHEAD: 11" 3000 x 9 5/8" casing head. 11" 3000 x 7 1/16" 3000 xmas tree.

### BOP SPECIFICATIONS:

An 11" 2000 psi minimum double gate BOP stack (Figure 1) will be used following nipple up of casing head. During air drilling operations, a Shaffer Type 50 or equivalent rotating head will be installed on top of the stack. A 2" nominal, 2000 psi minimum choke manifold will be used. An upper Kelly Cock valve with handle available and drill string valve to fit each drill string will be available on the rig floor during drilling operations.

### CEMENTING:

9 5/8 surface casing - Cement with 110 sxs Class B Cement with 1/4" Flocele/sx and 2% calcium chloride (130 cu. ft. of slurry, 100% excess to circulate to surface). WOC 12 hrs. Test casing to 600# for 30 minutes.

Texas Pattern Guide Shoe on bottom with centralizers on the first three joints.

7" intermediate casing - cement with 405 sxs 65/35 Class B Poz with 6% gel, 2% calcium chloride, 10% gilsonite, and 1/4# flocele/sk. Tail with 100 sxs Class B w/2% calcium chloride, 10% gilsonite and 1/4# flocele/sk. (905 cu. Ft. of slurry, 50% excess to circulate to surface). WOC 12 hrs. If cement does not circulate, run temperature survey in 8 hrs. to determine TOC. Test casing to 1200 psi for 30 minutes.

Cement nose guide shoe on bottom with a self-fill insert float valve on top of shoe joint. 8 bow spring centralizers spaced every 2nd joint off bottom. Two turbolating centralizers at the base of the Ojo Alamo.

### 4 1/2 Production Liner

Cement with 455 sxs 50/50 poz with 2% gel, 5 PPS gilsonite, .4% halad - 9 and 1/4# flocele/sk ( 574 cu. Ft., 50% excess to intermediate casing). WOC 18 hrs prior to completion.

Cement nose guide shoe on bottom with float collar on top of shoe joint. Liner hanger will have a neopreme packoff on top.

### OTHER INFORMATION:

- 1) The Blanco Mesaverde and Gallup Dakota will be completed and downhole commingled.
- 2) No abnormal temperatures or pressures are anticipated.
- 3) Anticipated pore pressure for the Gallup is 900, Mesa Verde is 800, Pictured Cliffs is 500 and the Fruitland 400 psi.
- 4) If lost circulation is encountered, sufficient LCM will be added to the mud system to maintain well control.
- 5) This gas is dedicated.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

505-325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL, 2500' FEL, Sec. 12, T26N, R03W, N.M.P.M.

5. Lease Serial No.

Jicarilla Contract 96

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No.

Jicarilla 96 3R

9. API Well No.

30-039-27528

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> Acidize                 | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing            | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other _____    |
| <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
| <input type="checkbox"/> Convert to Injection    | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

casing change

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

CORRECTED SUNDRY: CORRECTED FOOTAGES & API #

We plan on changing the surface casing from 36# J-55 to 32.3# H-40. Cement volumes will stay the same.

03 NOV -5 AM 10:11  
BLM  
BLM  
BLM

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Vicki Donaghey

Title

Production Assistant

Date 10/31/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

s/David R. Sitzler

Title

Division of Multi-Resources

Date NOV 20 2003

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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BUREAU OF LAND MANAGEMENT

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**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

505-325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL, 2500' FEL, Sec. 12, T26N, R03W, N.M.P.M.

5. Lease Serial No.

Jicarilla Contract 96

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No.

Jicarilla 96 3R

9. API Well No.

30-039-27528

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba NM

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- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

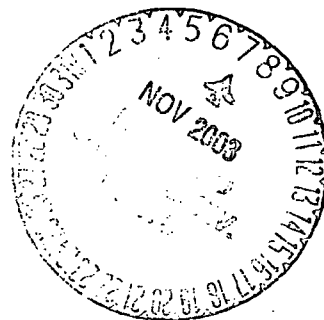
- |  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> Acidize                 | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
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| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
| <input checked="" type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
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We plan on changing the surface casing from 36# J-55 to 32.3# H-40. Cement volumes will stay the same.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Vicki Donaghey

Title

Production Assistant

Date 10/31/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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BUREAU OF LAND MANAGEMENT

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OMB NO. 1004-0136  
Expires: November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

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1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name Jicarilla Apache	
2. Name of Operator Energen Resources Corporation		7. Unit or CA Agreement Name and No.	
3a. Address 2198 Bloomfield Highway, Farmington, NM 87401		8. Lease Name and Well No. Jicarilla 96 3R	
3b. Phone No. (include area code) 505-325-6800		9. API Well No. 20-029-27528	
4. Location of Well (Report location clearly and in accordance with any State requirements) At surface 660' FNL, 2500' FEL At proposed prod. zone		10. Field and Pool, or Exploratory Blanco MV/WC:26N3W12B; Gallup	
14. Distance in miles and direction from nearest town or post office* 15 Miles North of Lindrith, NM		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 12, T26N, R03W, N.M.P.M.	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 660'		12. County or Parish Rio Arriba	
16. No. of Acres in lease 2530.72'		13. State NM	
17. Spacing Unit dedicated to this well 320		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2000'	
19. Proposed Depth 7588		20. BLM/BIA Bond No. on file	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7081' GL		22. Approximate date work will start* November 2003	
		23. Estimated duration 10 days	

24. Attachments

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25. Signature <i>Vicki Donaghey</i>	Name (Printed/Typed) Vicki Donaghey	Date 09/27/02
Title Production Assistant		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) -	Date OCT 28 2003
Title for Assistant Field Manager		

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**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

505-325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

890' FNL, 1685' FEL, Sec. 12, T26N, R3W, N.M.P.M.

5. Lease Serial No.

Jicarilla Contract 96

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA/Agreement, Name and/or N

8. Well Name and No.

Jicarilla 96 3R

9. API Well No.

30-039-26253 - 27528

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba NM

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TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☒ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

casing change

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We plan on changing the surface casing from 36# J-55 to 32.3# H-40. Cement volumes will stay the same.



03 JUN 25 AM 11:15  
BUREAU OF LAND MANAGEMENT

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

Name (Printed/Typed)

Vicki Donaghey

Title

Production Assistant

Date

06/24/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ David R. Sitzler

Division of Multi-Resources

Date

OCT 28 2003

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Monday, January 05, 2004

# Well Selection Criteria Quick Print

(Field\_No = 21938)

Page 1

*From this run out, it appears that Section 1, 2, 11, and 12 are all in the Jicarilla 96 lease,*

*also assuming that all down interest are common*

API Well #	Well Name and No.		Operator Name	Typ	Stat	County	Surf	UL	Sec	Twp	Rng	Ft N/S	Ft E/W	UICPrmt
30-039-21236-00-00	JICARILLA 96	007A	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	D	1	26 N	3	990 N	790 W	Throughput ms
30-039-26571-00-00	JICARILLA 96	007B	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	E	1	26 N	3	2330 N	1145 W	
30-039-26855-00-00	JICARILLA 96	004R	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	G	1	26 N	3	1350 N	2450 W	NSL-4703
30-039-26888-00-00	JICARILLA 96	004Y	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	J	1	26 N	3	1560 S	2340 E	NSL-4815
30-039-26891-00-00	JICARILLA 96	007C	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	K	1	26 N	3	2360 S	1980 W	
30-039-06659-00-00	JICARILLA 96	007	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	M	1	26 N	3	990 S	990 W	DHC-204
30-039-06659-00-00	JICARILLA 96	007	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	M	1	26 N	3	990 S	990 W	DHC-204
30-039-26322-00-00	JICARILLA 96	004A	ENERGEN RESOURCES CORPOR	G	C	Rio Arriba	F	O	1	26 N	3	750 S	1980 E	
30-039-06755-00-00	JICARILLA 96	002	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	A	2	26 N	3	990 N	990 E	DHC-106
30-039-06755-00-00	JICARILLA 96	002	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	A	2	26 N	3	990 N	990 E	DHC-106
30-039-26549-00-00	JICARILLA 96	006C	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	C	2	26 N	3	990 N	1970 W	
30-039-21165-00-00	JICARILLA 96	006A	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	E	2	26 N	3	1530 N	990 W	DHC-925
30-039-21165-00-00	JICARILLA 96	006A	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	E	2	26 N	3	1530 N	990 W	DHC-925
30-039-26827-00-00	JICARILLA 96	002C	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	G	2	26 N	3	1750 N	1825 E	
30-039-26552-00-00	JICARILLA 96	002B	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	I	2	26 N	3	2430 S	1265 E	
30-039-26552-00-00	JICARILLA 96	002B	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	I	2	26 N	3	2430 S	1265 E	
30-039-26551-00-00	JICARILLA 96	006B	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	K	2	26 N	3	2155 S	1845 W	
30-039-06660-00-00	JICARILLA 96	006	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	M	2	26 N	3	990 S	990 W	DHC-243
30-039-06660-00-00	JICARILLA 96	006	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	M	2	26 N	3	990 S	990 W	DHC-243
30-039-82347-00-00	JICARILLA 96	009	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	O	2	26 N	3	890 S	1750 E	
30-039-21237-00-00	JICARILLA 96	002A	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	P	2	26 N	3	990 S	990 E	
30-039-26573-00-00	JICARILLA 96	001B	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	B	11	26 N	3	720 N	1775 E	
30-039-21238-00-00	JICARILLA 96	005A	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	D	11	26 N	3	1190 N	790 W	DHC-106
30-039-26587-00-00	JICARILLA 96	005B	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	F	11	26 N	3	2240 N	1980 W	
30-039-06601-00-00	JICARILLA 96	001	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	H	11	26 N	3	1650 N	990 E	DHC-225
30-039-06601-00-00	JICARILLA 96	001	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	H	11	26 N	3	1650 N	990 E	DHC-225
30-039-06540-00-00	JICARILLA 96	010	ENERGEN RESOURCES CORPOR	G	P	Rio Arriba	J	I	11	26 N	3	1450 S	990 E	
30-039-26585-00-00	JICARILLA 96	001C	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	J	11	26 N	3	2200 S	1870 E	
30-039-06534-00-00	JICARILLA 96	005	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	M	11	26 N	3	990 S	990 W	DHC-241
30-039-06534-00-00	JICARILLA 96	005	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	M	11	26 N	3	990 S	990 W	DHC-241
30-039-27311-00-00	JICARILLA 96	005C	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	N	11	26 N	3	660 S	2600 W	NSL-4859
30-039-21259-00-00	JICARILLA 96	001A	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	P	11	26 N	3	990 S	990 E	
30-039-27528-00-00	JICARILLA 96	003R	ENERGEN RESOURCES CORPOR	G	N	Rio Arriba	J	B	12	26 N	3	660 N	2500 E	
30-039-27528-00-00	JICARILLA 96	003R	ENERGEN RESOURCES CORPOR	G	N	Rio Arriba	J	B	12	26 N	3	660 N	2500 E	
30-039-26353-00-00	JICARILLA 96	003R	ENERGEN RESOURCES CORPOR	G	C	Rio Arriba	J	B	12	26 N	3	890 N	1685 E	
30-039-21273-00-00	JICARILLA 96	008A	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	D	12	26 N	3	990 N	1190 W	
30-039-26572-00-00	JICARILLA 96	008B	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	E	12	26 N	3	1980 N	685 W	DHC-286
30-039-26572-00-00	JICARILLA 96	008B	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	E	12	26 N	3	1980 N	685 W	DHC-286
30-039-25291-00-00	JICARILLA 96	003A	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	J	12	26 N	3	1650 S	1850 E	DHC-924

## Well Selection Criteria Quick Print

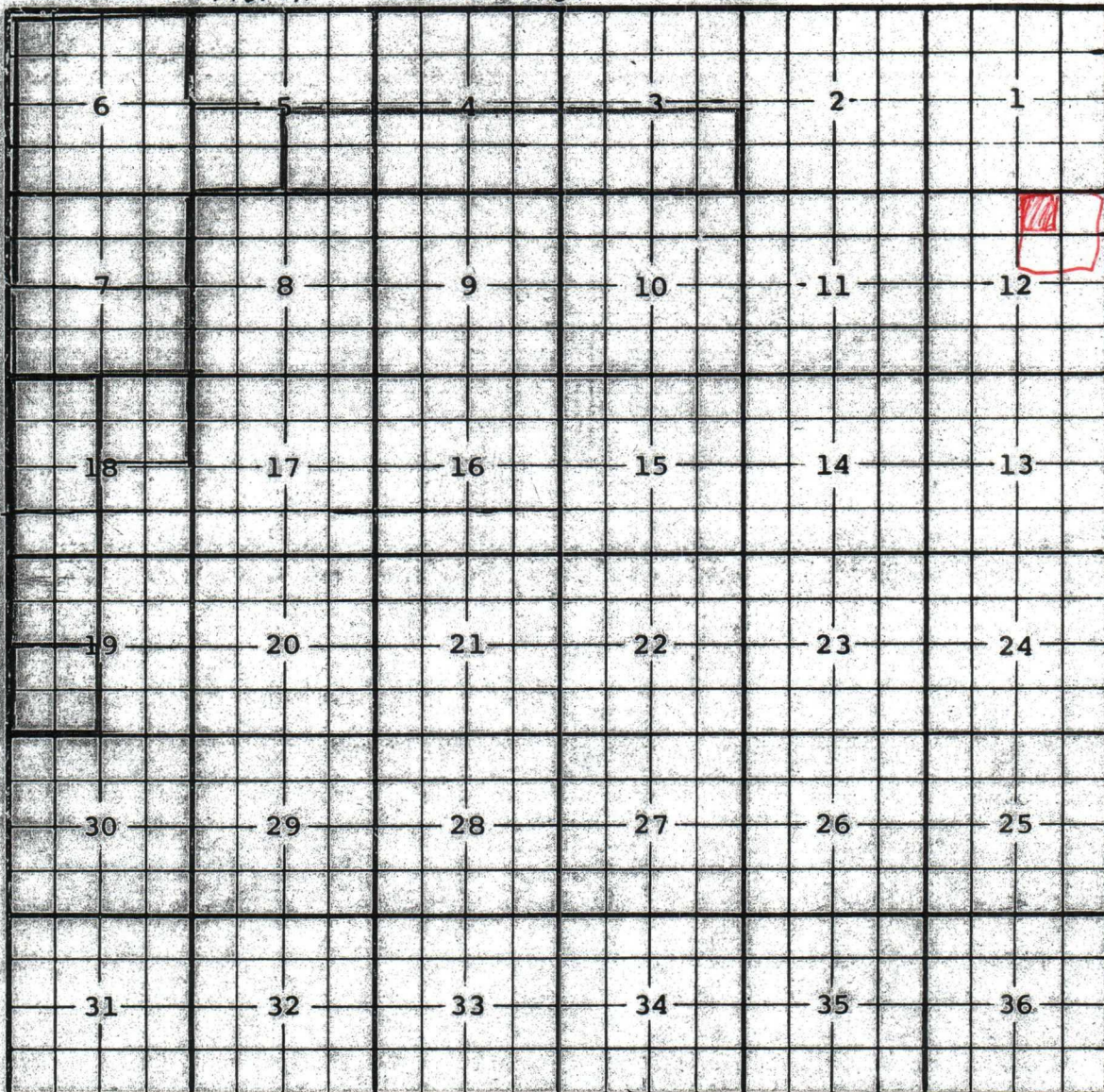
(Field\_No = 21938)

API Well #	Well Name and No.		Operator Name	Typ	Stat	County	Surf	UL	Sec	Twp	Rng	Ft N/S	Ft E/W	UICPrmt
30-039-25291-00-00	JICARILLA 96	003A	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	J	12	26 N	3	1650 S	1850 E	DHC-924
30-039-26843-00-00	JICARILLA 96	008C	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	K	12	26 N	3	2480 S	1750 W	
30-039-06535-00-00	JICARILLA 96	008	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	M	12	26 N	3	990 S	990 W	DHC-204
30-039-06535-00-00	JICARILLA 96	008	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	M	12	26 N	3	990 S	990 W	DHC-204
30-039-26354-00-00	JICARILLA 96	003B	ENERGEN RESOURCES CORPOR	G	A	Rio Arriba	J	O	12	26 N	3	660 S	1980 E	



COUNTY *Rio Arriba*POOL *Wild Horse - Gallup**Gas**87360*TOWNSHIP *26 North*RANGE *3 West*

NMPM



Description:  $\frac{W}{2}$  Sec. 18;  $\frac{NW}{4}$  Sec. 19 (R-3856, 11-1-69)

Ext:  $\frac{SW}{4}$  Sec. 19 (R-4260, 3-1-72) EXT:  $\frac{SE}{2}$  Sec. 7 (R-6056, 8-1-79)

Ext:  $\frac{NE}{4}$  Sec. 18 (R-7046, 8-6-82) Ext:  $\frac{SW}{4}$  Sec. 5, All Sec. 6,  $\frac{N}{2}$  Sec. 7 (R-8417, 3-24-87)

Ext:  $\frac{S}{2}$  Sec. 3,  $\frac{SE}{2}$  Sec. 4,  $\frac{SE}{4}$  Sec. 5 (R-11445, 9-5-00)



CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

01/05/04 13:58:43  
OGOMES -TPN9

API Well No : 30 39 25291 Eff Date : 08-01-1997 WC Status : A  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
Prop Idn : 21938 JICARILLA 96

Well No : 003A  
GL Elevation: 7150

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : J	12	26N	03W	FTG 1650	F S	FTG 1850	F E A

Lot Identifier:  
Dedicated Acre: 320.00  
Lease Type : J  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

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

CMD : ONGARD 01/05/04 13:58:48  
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPN9  
Page No : 1

API Well No : 30 39 25291 Eff Date : 11-16-1993  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
Prop Idn : 21938 JICARILLA 96 Well No : 003A  
Spacing Unit : 55652 OCD Order : Simultaneous Dedication:  
Sect/Twp/Rng : 12 26N 03W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	A		12	26N	03W	40.00	N	IN		
	B		12	26N	03W	40.00	N	IN		
	G		12	26N	03W	40.00	N	IN		
	H		12	26N	03W	40.00	N	IN		
	I		12	26N	03W	40.00	N	IN		
	J		12	26N	03W	40.00	N	IN		
	O		12	26N	03W	40.00	N	IN		
	P		12	26N	03W	40.00	N	IN		

E0005: Enter data to modify or PF keys to scroll

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

CMD : ONGARD 01/05/04 13:58:56  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPN9  
Page No: 1

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 39 25291 Report Period - From : 01 2002 To : 11 2003

API Well No	Property Name	Prod. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 39 25291	JICARILLA 96	01 02	31	252	14	30	F
30 39 25291	JICARILLA 96	02 02	28	136			F
30 39 25291	JICARILLA 96	03 02	31	83			F
30 39 25291	JICARILLA 96	04 02	30	218			F
30 39 25291	JICARILLA 96	05 02	30	766	14	80	F
30 39 25291	JICARILLA 96	06 02	30	509	3	80	F
30 39 25291	JICARILLA 96	07 02	31	583	2	140	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

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



CMD : ONGARD 01/05/04 13:58:59  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPN9  
 Page No: 2

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 API Well No : 30 39 25291 Report Period - From : 01 2002 To : 11 2003

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 25291	JICARILLA 96	08 02 31	370 8	F
30 39 25291	JICARILLA 96	09 02 30	23 40	F
30 39 25291	JICARILLA 96	10 02 31	144	F
30 39 25291	JICARILLA 96	11 02 30	160 8	F
30 39 25291	JICARILLA 96	12 02 31	274 7	F
30 39 25291	JICARILLA 96	01 03 31	259 3 200	F
30 39 25291	JICARILLA 96	02 03 28	244 9 410	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

CMD : ONGARD 01/05/04 13:59:00  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPN9  
 Page No: 3

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 API Well No : 30 39 25291 Report Period - From : 01 2002 To : 11 2003

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes			Well Stat
			Gas	Oil	Water	
30 39 25291	JICARILLA 96	03 03				S
30 39 25291	JICARILLA 96	04 03				S
30 39 25291	JICARILLA 96	05 03 31	856	23	160	F
30 39 25291	JICARILLA 96	06 03 30	747			F
30 39 25291	JICARILLA 96	07 03 31	1324		1840	F
30 39 25291	JICARILLA 96	08 03 31	2064	2	140	F
30 39 25291	JICARILLA 96	09 03 30	529	27	1120	F

Reporting Period Total (Gas, Oil) : 10188 120 4320

E0049: User may continue scrolling.

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

CMD : ONGARD 01/05/04 13:59:01  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPN9  
Page No: 4

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 25291 Report Period - From : 01 2002 To : 11 2003

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 25291	JICARILLA 96	10 03 31	647	80 F

Reporting Period Total (Gas, Oil) : 10188 120 4320

E0049: User may continue scrolling.

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

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

01/05/04 13:59:16  
OGOMES -TPN9

API Well No : 30 39 26354 Eff Date : 01-28-2002 WC Status : A  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
Prop Idn : 21938 JICARILLA 96

Well No : 003B  
GL Elevation: 7170

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : O	12	26N	03W	FTG	660 F S	FTG 1980 F E	P

Lot Identifier:  
Dedicated Acre: 320.00  
Lease Type : J  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

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

CMD : ONGARD 01/05/04 13:59:20  
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPN9  
Page No : 1

API Well No : 30 39 26354 Eff Date : 11-16-1993  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
Prop Idn : 21938 JICARILLA 96 Well No : 003B  
Spacing Unit : 55652 OCD Order : Simultaneous Dedication:  
Sect/Twp/Rng : 12 26N 03W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	A		12	26N	03W	40.00	N	IN		
	B		12	26N	03W	40.00	N	IN		
	G		12	26N	03W	40.00	N	IN		
	H		12	26N	03W	40.00	N	IN		
	I		12	26N	03W	40.00	N	IN		
	J		12	26N	03W	40.00	N	IN		
	O		12	26N	03W	40.00	N	IN		
	P		12	26N	03W	40.00	N	IN		

E0005: Enter data to modify or PF keys to scroll

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

CMD : ONGARD 01/05/04 13:59:29  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPN9  
 Page No: 1

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 API Well No : 30 39 26354 Report Period - From : 01 2002 To : 11 2003

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 26354		01 02		S
30 39 26354	JICARILLA 96	02 02 28	6159 104 530	F
30 39 26354	JICARILLA 96	03 02 31	5079 86 260	F
30 39 26354	JICARILLA 96	04 02 30	3550 50 320	F
30 39 26354	JICARILLA 96	05 02 30	3200 19 210	F
30 39 26354	JICARILLA 96	06 02 30	2236 27 90	F
30 39 26354	JICARILLA 96	07 02 31	2266 19 200	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

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

CMD : ONGARD 01/05/04 13:59:32  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPN9  
 Page No: 2

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 API Well No : 30 39 26354 Report Period - From : 01 2002 To : 11 2003

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 26354	JICARILLA 96	08 02 31	2186 30 60	F
30 39 26354	JICARILLA 96	09 02 30	2208 22 120	F
30 39 26354	JICARILLA 96	10 02 31	2208 27 100	F
30 39 26354	JICARILLA 96	11 02 30	1181 8 800	F
30 39 26354	JICARILLA 96	12 02 31	730 4 50	F
30 39 26354	JICARILLA 96	01 03 31	2452 33 260	F
30 39 26354	JICARILLA 96	02 03 28	1711 49 120	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

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

CMD : ONGARD 01/05/04 13:59:33  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPN9  
 Page No: 3

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
 API Well No : 30 39 26354 Report Period - From : 01 2002 To : 11 2003

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 26354	JICARILLA 96	03 03 31	2463 26 80	F
30 39 26354	JICARILLA 96	04 03 30	2162 7 160	F
30 39 26354	JICARILLA 96	05 03 31	2320 42 120	F
30 39 26354	JICARILLA 96	06 03 30	2100 22	F
30 39 26354	JICARILLA 96	07 03 31	2036 29 20	F
30 39 26354	JICARILLA 96	08 03 31	2092 13 80	F
30 39 26354	JICARILLA 96	09 03 30	1881 22 70	F

Reporting Period Total (Gas, Oil) : 52199 659 3890

E0049: User may continue scrolling.

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



CMD : ONGARD 01/05/04 13:59:34  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPN9  
Page No: 4

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
API Well No : 30 39 26354 Report Period - From : 01 2002 To : 11 2003

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 26354	JICARILLA 96	10 03 31	1979 20 240	F

Reporting Period Total (Gas, Oil) : 52199 659 3890

E0049: User may continue scrolling.

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

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

01/05/04 14:00:20  
OGOMES -TPN9

API Well No : 30 39 6624 Eff Date : 09-13-1963 WC Status : P  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 214263 PRE-ONGARD WELL OPERATOR  
Prop Idn : 30041 PRE-ONGARD WELL

Well No : 003  
GL Elevation: 7109

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : A	12	26N	03W	FTG	990 F N	FTG	990 F E
Lot Identifier:							
Dedicated Acre:							
Lease Type : J							
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

**Section 12**

(SUBMIT IN TRIPLICATE)

Indian Agency **Jicarilla Tribal**

**UNITED STATES**

**Contract # 96 Tr. 165**

**DEPARTMENT OF THE INTERIOR**

Allottee \_\_\_\_\_

**GEOLOGICAL SURVEY**

Lease No. **Jicar 11 a "H"**


# **SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

*Immediate  
Mr. Prod. 29488 M.P.*

**RECEIVED**  
**JUN 3 1957**  
**GEOLOGICAL SURVEY**  
**FARMINGTON, NEW MEXICO**

\_\_\_\_\_ **May 29,** \_\_\_\_\_, 19**57**  
**Jicarilla "H"**  
Well No. **3** is located **990** ft. from **[N]** line and **990** ft. from **[E]** line of sec. **12**  
**NE 1/4 NE 1/4 Section 12 26 N 3-W H.M.P.M.**  
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Blanco Rio Arriba New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **7119** ft.

## **DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, spacing points, and all other important proposed work)

**We propose to drill the above well to a Total Depth of 6300' with Safety Tools. We expect to test the following zones at the following approximate depths if indicative of oil or gas show:**

**Pictured Cliffs**  
**Mesa Verde**

**EXPECTED TOP**  
**3600'**  
**6300'**

**We expect to test any other zones that appear productive of oil or gas. CASING PROGRAM: Approximately 300' of 10-1/4" Surface Casing w/approximately 300 sx cement, approximately 4200' of 7-5/8" intermediate casing w/approximately 150 sx cement, approximately 2300' of 5 1/2" liner w/approximately 200 sx cement on bottom end will squeeze top of liner w/approximately 200 sx cement. We propose to perforate and sandwaterfree productive zones in the Pictured Cliffs and Mesa Verde Zones for Comp.**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Magnolia Petroleum Company**

Address **Box 633**  
**Midland, Texas**

By **R. Y. Gorman**  
**R. Y. GORMAN**  
Title **Division Superintendent**

**RECEIVED**  
**JUN 4 1957**  
**CON. COM. DIST.**

NEW MEXICO  
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date May 24, 1957

Operator MAGNOLIA PETROLEUM COMPANY Lease JICARILLA "H"

Well No. Three (3) Section 12 Township 26N Range 3W NMPM

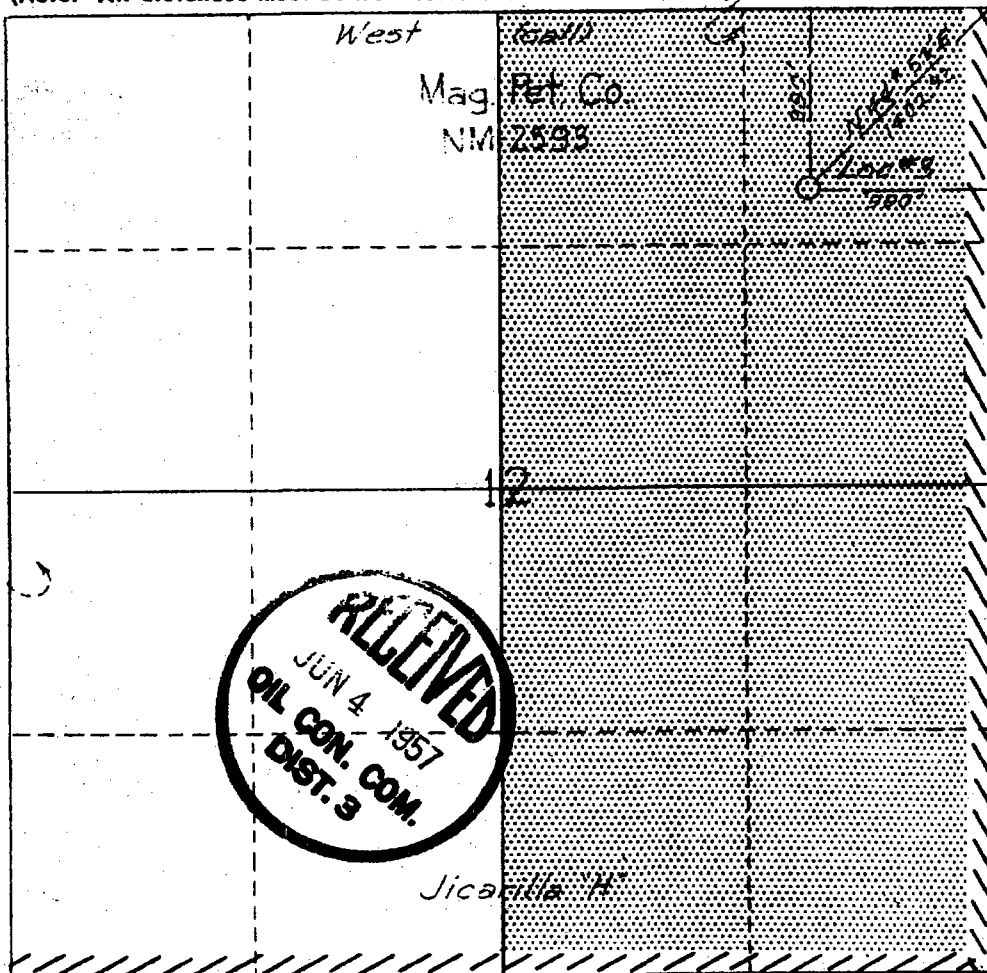
Located 990 Feet From North Line, 970 Feet From East Line,

El Arriba County, New Mexico.

G. L. Elevation 7200

Name of Producing Formation Mesa Verde Pool Blanco Dedicated Acreage 320

(Note: All distances must be from outer boundaries of Section)



Scale: 1" = 1000'

LEGEND

Lease  
Boundary

Allocated  
Acreage

Is this Well a Dual Comp.? Yes X No.       

If the answer to Question 1 is yes, are there any other  
dually completed wells within the dedicated acreage?

Yes        No X

This is to certify that the above plat was prepared from  
field notes of actual surveys made by me or under my  
supervision and that the same are true and correct to the  
best of my knowledge and belief.

Date Surveyed April 2, 1957

Carl E. Turner

Registered Professional Engineer and/or Land Surveyer

#2400

Prepared by R.T. GERMAN, Division Superintendent  
Representing Magnolia Petroleum Company  
Address Box 633 - Midland, Texas

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company MCGILLI PAPER LUM COMPANY Address Box 433 Midland, Texas  
 Lessor or Tract 12.12.14 "H" Field El Paso State New Mexico  
 Well No. 3 Sec. 12 T. 26 S. R. 3 W. Meridian N.M.P.M. County El Paso  
 Location 920 ft. ES of N. E Line and 920 ft. W of E Line of Section 12 Elevation 7124  
 The information given herewith is a complete and correct record of the well and all work done thereon  
 so far as can be determined from all available records.

Date October 29, 1957 Title R. T. GERRARD  
The summary on this page is for the condition of the well at above date. Division Superintendent  
 Commenced drilling June 30, 1957. Finished drilling September 22 1957.

## OIL OR GAS SANDS OR ZONES

(Delete page by 0)

No. 1, from 3692 to 3694 (0) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 5442 to 5454 (0) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 5416 to 5493 (0) No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1, from 5493-5494 to 5495-5496 No. 3, from 5497-5498 to 5499-5500  
No. 1, from 5501-5502 to 5503-5504 No. 4, from 5505-5506 to 5507-5508

**RECEIVED**  
NOV 4 1957  
OIL CON. COM.  
JUN 2 1958

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

Size cutting	Where put	Number mds of cement	Mixes used	Mud gravity	Amount of mud used
0-3/4	300	240 mcs	Pump & Plug		
7-5/8	1000	240 mcs	Pump & Plug		
5-1/2	6030	240 mcs	Pump & Plug		30,200 <sup>1</sup>

## PLUGS AND ADAPTERS

Hoisting plug - Material	*****	Length	*****	Depth set	*****
Adapters - Material	*****	Size	*****		*****

### SHOOTING RECORD

See	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
0000	0000	0000	0000	0000	0000	0000
0000	0000	0000	0000	0000	0000	0000
0000	0000	0000	0000	0000	0000	0000

### TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to 6340 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

October 23, 19--	57	Put to producing	October 5, 19--	57
The production for the first 24 hours was	3079 Mcf	barrels of fluid of <del>water and gas</del> oil:		%
emulsion, <del>99.9</del> % water; and <del>0.1</del> % sediment.		Gravity, °Bé.		
If gas well, cu. ft. per 24 hours	1572 Mcf	Gallons gasoline per 1,000 cu. ft. of gas	No Test	

Rock pressure, lbs. per sq. in. **FIG. CLIFF, MASS**  
**EMPLOYEES**  
 Near Verde 107 f.  
**PAUL F. BUTLER** Driller  
 Driller  
 Driller

### EMATION RECORD

PAGE--	TO--	TOTAL FEET	FOOT	
				REMARKS
3273	3406	133		Ojo Alamo
3406	3620	214		Kirkland-Fruitland
3620	3710	90		Painted Cliffs
3710	3804	1694		Low
3804	3836	82		Cliff House
3836	3812	124		Summit
3812	3925	179		Point Lookout
3925	4032	179		House

**SMART**

30-57 Spunked  
 W.C. 10-3/4" Casing on bottom with 200 sz.  
 31-57 Open 1 hr. Fishing for 8-6" Drill Collars + bit. Top fish = 1922". Stuck  
 32-57 while coming out of hole.  
 Recovered all of fish 8"  
 33-57 Running Casing, Logs.  
 34-57 W.C. 5-5/8" Casing on bottom with 200 sz.  
 35-57 W.C. 5-5/8" liner on bottom with 150 sz. Top liner = 3778".  
 36-57 W.C. 5-1/2" liner on bottom with 150 sz cement. Reassorted 5 1/2" liner thru perf.  
 37-57 5400' with 100 sz.  
 38-57 Cemented over top of liner with 100 sz. TP=2500'.  
 39-57 Drilling out cement in 5 1/2" Casing to 5820'.  
 40-57 Cemented out 7 1/2" + 8 1/2" liner in 5 1/2" Casing to 5971'. Temp. to surface.  
 41-57 41-57 5 1/2" liner from Verdé 5812-5814' 5992-5995'. Cemented with 32,000 lbs.  
 42-57 Down casing. Spunked with 4000 lbs. side. GP=3000-2000'. Using 100 rubber  
 balls. Flow back 500 BW 3 hrs. Open 3" and circ. 20-2" then Jailed 100 BW.

-57 Ho-Paraforte #14 Linear 5816-64", 5892"-5895" with 6 shots per ft. Prep. to  
 Re-Free with 80,000 Gals.  
 -57 Re-Free 2 sets Mesa Verde Perf. with 80,000 Gals. C#-2100-600w. Using 120  
 rubber balls. Flow to Jet 500 BLM 13 hrs. Getting 3000".  
 -57 From 2 sets Mesa Verde Perf. after 20,000 Gals. Sandwater-traces Jetted 250 BLM  
 24 hrs. at 5695". Gas volume 190 MCF per day.  
 -57 Perf. 54" Lifts 1200' 5470-5475", 5470-5475", 5487-5488" & 5666-5651".  
 Set Bridge Plug 8" 3700". Sandwater-traces 3 sets Mesa Verde Perf. with 30,000  
 Gals. C#-3000-1500w. Using 100 rubber balls. Flowed back 600 BLM 3 hrs.  
 -57 From 5 top sets Mesa Verde Perf. after 30,000 Gals Sandwater-traces, jet 600 BLM 24 hr.  
 at 5695". Gas Insufficient to measure. Pulled Bridge Plug 8" 3700". Test 7-5/8" C#  
 Casing 3638-3644" and 3665-3691" in Plastered Gliffs. Set Bridge Plug 8" 3779".  
 Casing Sandwater-traces 3 sets Mesa Verde Perf. with 30,000 Gals. C#-3000-1500w.  
 -57 From 3 sets Mesa Verde Perf. after 20,000 Gals. Sandwater-traces Jetted 50 BLM 32 hrs.  
 at 3775". Gas Insufficient to measure. Using 50 rubber b.ils. Flow & Jet 50  
 BLM 32 hrs. Gas Insufficient to measure.  
 -57 From 1stured Gliffs after 20,000 Gals Sandwater-traces jetted 50 BLM 24 hrs.  
 at 3775". Gas Insufficient to measure.  
 -57 Pulled upper Gliff 8" 3779". Set Baker Pump. Per. 0" 4101". Running Mesa  
 hrs. & Gas Lift Valves to complete.  
 -57 Mesa Verde Perf. 54" Lifts 5470-5475", 5470-5475", 5487-5488" and 5666-5651".  
 released 10-9-57. both some 8/1 to connect up Gas Lift Valves.  
 -57 both some flow 175 BLM in 48 hrs. Gas on Mesa Verde Measured 1947 MCF per day.  
 Plastered Gliffs measured 869 MCF per day.  
 -57 Shut in for Potential.  
 -57 Potential test Mesa Verde, 5/1 8 hrs, TP-1401L. Flow 3 hrs. 48/64" ch.  
 TP-1407L. C# 3777 MCF per day. 1401L. Flow 3 hrs. 48/64" ch.  
 1402 MCF per day. From 31" Gliffs perf. 5/1 8 hrs. TP-1406L. TP-1406L.

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well  
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico.....October 28, 1957.....  
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Magnolia Petroleum Company.....Jicarilla WHP.....Well No# 3 UT-PC.....in NE 1/4 NE 1/4.....  
(Company or Operator) (Lease)

A.....Sec. 12.....T. 26N.....R. 3W.....NMPM, Undesignated Pictured Cliffs.....Pool  
Unit Letter

Rio Arriba.....County. Date Spudded 9-8-57.....Date Drilling Completed 10-5-57.....  
Please indicate location: Elevation 7100.....Total Depth 6030.....PBD 5971.....

D	G	B 990	A 3 990
E	F	G	H
L	K	J	I
M	N	O	P

Top Gas Pay 3632.....Name of Prod. Form Undesignated Pictured Cliffs

PRODUCING INTERVAL -

Perforations 3632-3695

Open Hole.....Depth Casing Shoe 6030.....Depth Tubing 3579'

OIL WELL TEST -

Natural Prod. Test:.....bbls. oil,.....bbls water in.....hrs,.....min. Choke Size.....

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used):.....bbls. oil,.....bbls water in.....hrs,.....min. Choke Size.....

GAS WELL TEST -

Natural Prod. Test:.....MCF/Day; Hours flowed.....Choke Size.....

Method of Testing (pitot, back pressure, etc.):.....

Test After Acid or Fracture Treatment:.....267.....MCF/Day; Hours flowed 3 hrs

Choke Size 3/4" Method of Testing: Back Pressure

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 20,000 gal water & 20,000 # sand

Casing Tubing Date first new Press. 1050 oil run to tanks

Oil Transporter.....

Gas Transporter Pacific Northwest Pipe Line Corporation - Hobbs Connection.

Tubing, Casing and Cementing Record  
Size Feet Sx

10 3/4	302	200
7 5/8	4012	200
5 1/2	Top 3778	100
5 1/2	Bottom 6030	250

Remarks:.....

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

Approved.....NOV 12 1957....., 19.....

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

Title Supervisor Dist. # 3

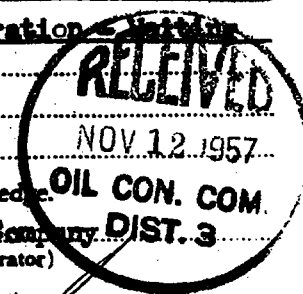
Magnolia Petroleum Company  
(Company or Operator)

By: Lee E. Robinson, Jr.  
(Signature)

Title District Superintendent, Natural Gas  
Send Communications regarding well to:

Name Magnolia Petroleum Company  
Box 2206

Address Hobbs, New Mexico  
Attn: Mr. Lee E. Robinson, Jr.



## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57REQUEST FOR ~~(OIL)~~ - (GAS) ALLOWABLENew Well  
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

October 28, 1957

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Magnolia Petroleum Company

Jicarilla "H"

Well No. # 3 LT-MV, in. NE 1/4, NE 1/4,

(Company or Operator)

(Lease)

A, Sec. 12, T. 26N, R. 3W, NMPM, Elanco Mesaverde Pool

Unit Letter

Rio Arriba

Please indicate location:

D	C	990 <sup>B</sup>	A
		3	990 <sup>B</sup>
E	F	G	H
L	K	J	I
M	N	O	P

County. Date Spudded 9-8-57

Date Drilling Completed 10-5-57

Elevation 7109

Total Depth 6030 PBDT 5971

Top Oil/Gas Pay 5816

Name of Prod. Form. Elanco Mesaverde

## PRODUCING INTERVAL -

Perforations 5816-5895

Open Hole

Depth Casing Shoe 6030

Depth Tubing 5418

## OIL WELL TEST -

Natural Prod. Test: \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Size \_\_\_\_\_

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Size \_\_\_\_\_

## GAS WELL TEST -

Natural Prod. Test: \_\_\_\_\_ MCF/Days; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_

Method of Testing (pitot, back pressure, etc.): \_\_\_\_\_

Test After Acid or Fracture Treatment: 1377 MCF/Days; Hours flowed 3 hrs

Choke Size 3/4 Method of Testing: Back Pressure

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 192,000 gal water & 192,000 # sand, spearheaded w/4000 gal acid.

Casing \_\_\_\_\_ Tubing \_\_\_\_\_ Date first new \_\_\_\_\_  
Press. \_\_\_\_\_ Press. \_\_\_\_\_ oil run to tanks \_\_\_\_\_

Oil Transporter

Gas Transporter Pacific Northwest Pipe Line Corporation - Waiting Connection

## Tubing, Casing and Cementing Record

Size	Feet	Sax
10 3/4	302	200
7 5/8	4012	200
5 1/2 Top	3778	100
5 1/2 Bottom	6030	250

Remarks:

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

Approved: NOV 12 1957, 19.

Magnolia Petroleum Company  
(Company or Operator)

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

Title Supervisor Dist. # 3

By: Lee E. Robinson  
(Signature)  
Title District Superintendent, Natural Gas

Send Communications regarding well to:

Magnolia Petroleum Company  
New Mexico  
Box 2406Address: Hobbs, New Mexico  
Attn: Mr. Lee E. Robinson, Jr.

THE APPLICATION OF MAGNOLIA PETROLEUM COMPANY FOR PERMISSION TO EFFECT DUAL COMPLETION OF ITS JICARILLA WELL NO. "H" 3 LOCATED IN THE NE/4 NE/4 OF SECTION 12, TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM, RIO ARRIBA COUNTY, NEW MEXICO, IN SUCH A MANNER AS TO PRODUCE GAS FROM AN UNDESIGNATED PICTURED CLIFFS GAS POOL AND GAS FROM THE BLANCO MESAVERDE POOL.

ORDER NO. DC-463

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A (c) Magnolia Petroleum Company, made application to the New Mexico Oil Conservation Commission on November 4, 1957, for permission to dually complete its Jicarilla Well No. "H" 3 located in the NE/4 NE/4 of Section 12, Township 26 North, Range 3 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to produce gas from an undesignated Pictured Cliffs gas pool and gas from the Blanco-Mesaverde Gas Pool.

Now, on this 17th day of November, 1957, the Secretary-Director finds:

- (1) That application has been duly filed under the provisions of Sub-section 'c' of Rule 112-A of the Commission's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified; and
- (3) That no objections have been received within the waiting period as prescribed by said rule.
- (4) That the proposed dual completion will not cause waste nor impair correlative rights.
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Magnolia Petroleum Company, be and the same is hereby authorized to dually complete its Jicarilla Well No. "H" 3 located in the NE/4 NE/4 of Section 12, Township 26 North, Range 3 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to produce gas from an undesignated Pictured Cliffs gas pool and gas from the Blanco Mesaverde Gas Pool, through parallel strings of tubing.

PROVIDED HOWEVER, That subject well shall be completed and thereafter produced in such a manner that there will be no commingling within the well-bore, either within or outside the casing, of gas, oil and gas, or oil produced from either or both of the separate strata,

PROVIDED HOWEVER, That prior to the actual dual completion the operator shall make pressure tests of the casing to prove that no casing leaks exist. In the event a casing leak is apparent the operator shall take appropriate steps to adequately repair the leak. The results of these tests shall be reported to the Commission on Form C-103.

PROVIDED FURTHER, That upon the actual dual completion of such subject well applicant shall submit to the appropriate District Office of the Commission copies of Oil Conservation Commission Form C-103, Form C-104, Form C-110, and Form C-122, outlining the information required on those forms by existing Rules and Regulations, and two copies of the electric log of the well.





PROVIDED FURTHER, That said subject well for dual completion and production shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata, and further, be equipped with all necessary connections required to permit recording meters to be installed and used at any time as may be required by the Commission or its representatives, in order that natural gas, oil, or oil and gas from each separate stratum may be accurately measured and the gas-oil or gas-liquid ratio thereof determined, and

PROVIDED FURTHER, That the operator shall make any and all tests, including segregation and packer-leakage tests upon completion and annually thereafter during the Annual Deliverability Test Period for the Blanco-Mesaverde Pool, commencing in the year 1958, and whenever the packer is disturbed, but not excluding any other tests and/or determinations as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of offset operators if any there be at their election, and the results of each test, properly attested to by the applicant herein and all witnesses, shall be filed with the Commission within fifteen (15) days after the completion of such tests, and further, that applicant shall file with the Commission in duplicate a packer-setting affidavit, which affidavit shall be due within fifteen (15) days of the dual completion or whenever the packer is disturbed, and

PROVIDED FURTHER, That upon the actual dual completion of such subject well, applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata, and a special report of production, gas-oil ratio or gas-liquid ratio, and reservoir pressure determination for each producing zone or stratum immediately following completion.

IT IS FURTHER ORDERED, That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after proper notice and hearing the Commission may terminate the authority hereby granted and require applicant or its successors and assigns to limit its activities to regular single-zone production in the interests of conservation.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr.,  
Secretary-Director

SEAL


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Navajo Agency  
Allottee Navajo  
Lease No. Cont. 996

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 8, 1963

Well No. 3 is located 990 ft. from N line and 990 ft. from E line of sec. 12

Sec. 12 (4 Sec. and Sec. No.) SE 1/4 (Twp.) 10 (Range) 104N (Meridian)  
Blanco NV & Savilan FC (Field) Mio Arriba (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 7119 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

9/3/63 Moved in & rigged up.  
9/4/63 Pulled Pictured Cliffs tubing from 3563'.  
9/6/63 Spaced through Mancosha tubing 90 cm 3563/3593', final press 2300 psi.  
Spotted 5 cm cement on top of packer 3560/3610'. Spotted 25 cm cement 3580/3700'. Spotted 10 cm cement 3610/3636'.  
9/12/63 Shot & recovered 7-5/8" casing from 1060'. Spotted 20 cm cement 1010/1060'.  
9/13/63 Spotted 10 cm cement at surface inside 10-3/4" casing. Erected a 4" steel pipe monument & cleaned location except for El Paso's Production Unit & pit. A subsequent Report of Abandonment will be filed when El Paso's equipment & pit are cleaned up.

U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

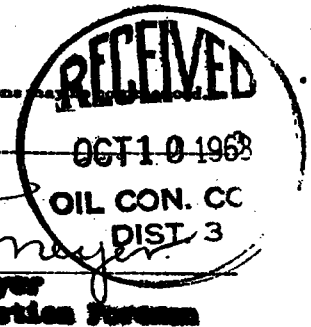
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be conducted.

Company Essoy Mobil Oil Co., Inc.

Address P. O. Box 776

Farmington, New Mexico

By H. J. Meyer  
Title Senior Production Foreman



WGS & MDCS 5  
Spring 1  
File 1