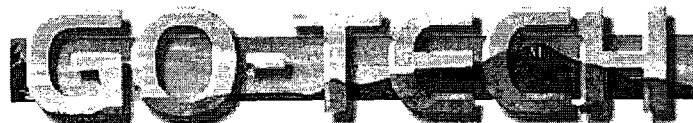


HOME | PETROLEUM DATA | NEWS | MARKETPLACE | SOFTWARE | SPONSORS | LINKS | CONTACT

PTTC  
PRRC  
NM-TECH  
NMBGMR



NYMEX LS Crude \$53.35  
Navajo WTXI \$50.75  
Henry Hub \$7.30

Updated 4/8/2005

GENERAL | COUNTY | OPERATOR | POOL | LOCATION | [OCD LOG & WELL FILES](#)

## View Production Data

**In Internet Explorer, right click and select "Save Target As..."**  
**In Netscape, right click and select "Save Link As..."**

Download: [HTTP](#)

**Well:** APACHE JVA **No.:** 003  
**Operator:** JICARILLA ENERGY CO [ [NM SLO data](#) ]  
**API:** 3003921552 **Township:** 27.0N **Range:** 02W  
**Section:** 21 **Unit:** M  
**Land Type:** J **County:** Rio Arriba  
**Pools associated:**

- [BLANCO-MESAVERDE \(PRORATED GAS\)](#) **Total Acreage:** 320 **Completion:** 1 [Summary of Production](#)
- [Show All](#)

Year: 1979

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0
February	60	13570	0	0
March	211	20932	0	31
April	172	13326	0	25
May	0	6640	0	17
June	6	7051	0	24
July	0	9344	0	32
August	0	2001	0	1
September	0	1060	0	2
October	77	7672	0	23
November	81	5628	0	24

December	45	5992	0	32
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Year: 1980

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	43	4992	0	32
February	30	4859	0	32
March	40	4927	0	32
April	50	4376	0	24
May	0	4000	23	32
June	29	4480	0	32
July	0	572	0	0
August	0	0	0	32
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 1981

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 1982

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April				

	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	10	2388	0	31

Year: 1983

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	4	2732	0	31
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	143	0	0
June	10	3448	0	0
July	0	276	0	2
August	0	504	0	2
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 1984

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	7	2887	0	0
February	0	0	0	0
March	0	2392	0	0
April	0	1327	0	0
May	0	1600	0	0
June	35	3313	0	0
July	0	3542	0	0
August	45	3576	0	0
September	41	2874	0	27
October	0	0	0	0
November	61	3479	0	31

December	10	3020	0	0
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Year: 1985

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	5	1532	0	0
February	19	2341	0	28
March	37	2304	0	31
April	0	1755	0	24
May	33	2052	0	0
June	10	0	0	25
July	0	0	0	0
August	0	0	0	0
September	0	0	0	99
October	0	0	0	99
November	0	0	0	99
December	0	0	0	99

Year: 1986

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	0	0	0	99
February	0	0	0	99
March	0	0	0	99
April	0	0	0	99
May	0	0	0	99
June	0	0	0	99
July	0	0	0	99
August	0	0	0	99
September	0	0	0	99
October	0	0	0	99
November	0	0	0	99
December	0	0	0	99

Year: 1987

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	0	0	0	99
February	0	0	0	0
March	0	0	0	0
April				

	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 1988

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 1989

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0

December	0	0	0	0
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Year: 1990

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 1991

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 1992

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April				

	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Page last updated 07/22/2004. Webmaster [gotech\\_prrc@yahoo.com](mailto:gotech_prrc@yahoo.com)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-21552

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR  
P. O. Box 2564, Billings, Montana 59103

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

SW $\frac{1}{4}$ SW $\frac{1}{4}$  970' FWL 900' FSL  
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 25 miles North of Ojito

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drg. unit line, if any) 900'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH

6320'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

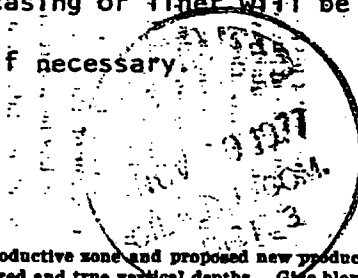
22. APPROX. DATE WORK WILL START\*

December 1, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	36#	300'	300 sacks
8-3/4"	7"	20#	4050'	250 sacks
6 1/2"	4 1/2"	10.5#	6320'	600 sacks

- Palmer Oil & Gas Company will drill a 6320' Mesaverde test in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 21-T27N-R2W.
- Well to be drilled by rotary tools. Set 300' of 9-5/8" casing and cement to surface; drill 8-3/4" hole to 4,050' and set 7" casing. Gas drill 4,050' to T.D. and run 4 1/2" casing.
- IES and Porosity Logs will be run at T.D. All potential zones will be analyzed from surface to total depth, and if potentially commercial, 4 1/2" casing or liner will be set, cemented and perforated.
- After perforating, the productive zones will be fractured, if necessary.
- Survey plat is attached.
- Spacing unit will be S $\frac{1}{2}$  Section 21.
- Gas is not dedicated.



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

24. SIGNED Robert D. Ballantyne TITLE Drilling Superintendent DATE 11/4/77  
Robert D. Ballantyne  
(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

*OK*

\*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

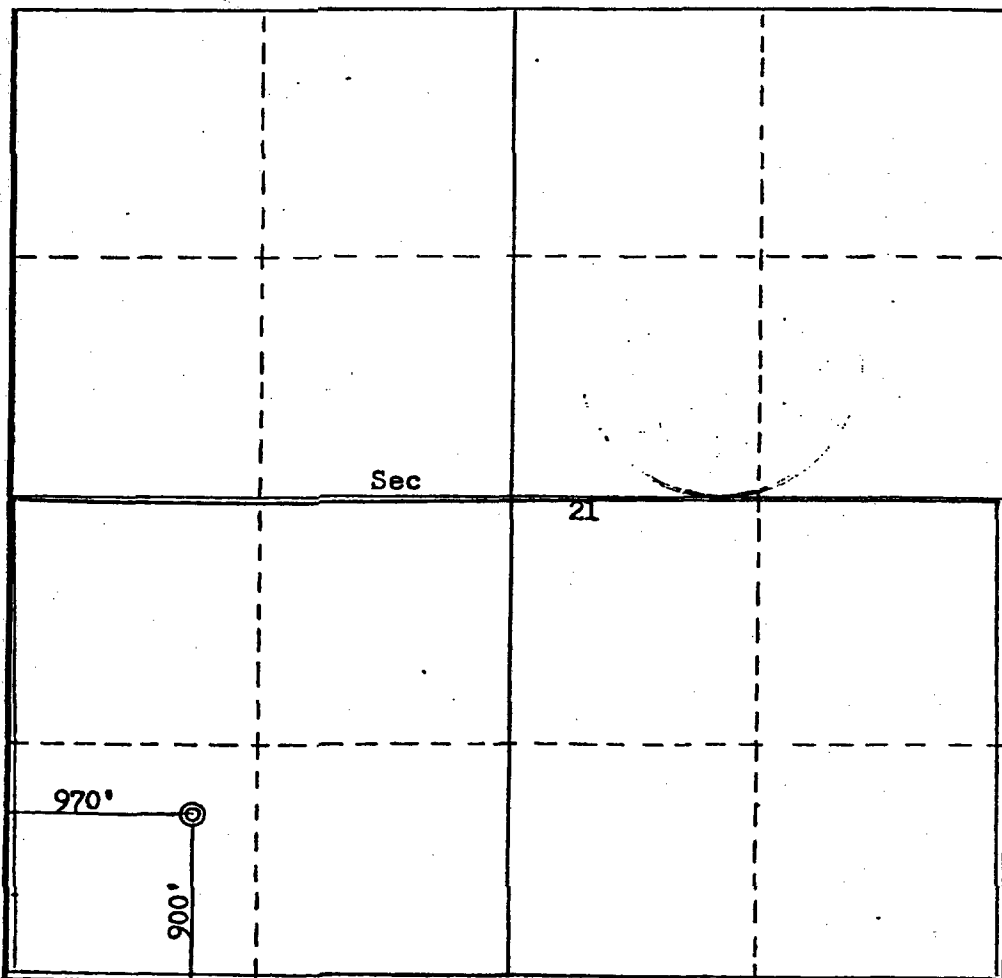
Operator <b>Palmer Oil &amp; Gas Company</b>			Lease <b>JVA</b>		Well No. <b>3</b>
Unit Letter <b>M</b>	Section <b>21</b>	Township <b>27N</b>	Range <b>2W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Wells <b>900</b> feet from the <b>South</b> line and <b>970</b> feet from the <b>West</b> line					
Ground Level Elev. <b>7376</b>	Producing Formation <b>Mesaverde</b>	Pool <b>Blanco-Mesaverde</b> <i>ext</i> ✓		Dedicated Acreage: <b>320.00</b> ✓ Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes   ☐ No   If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

*Robert D. Ballantyne*

Name

**Robert D. Ballantyne**

Position

**Drilling Superintendent**

Company

**PALMER OIL & GAS COMPANY**

Date

**November 7, 1977**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

**October 26, 1977**

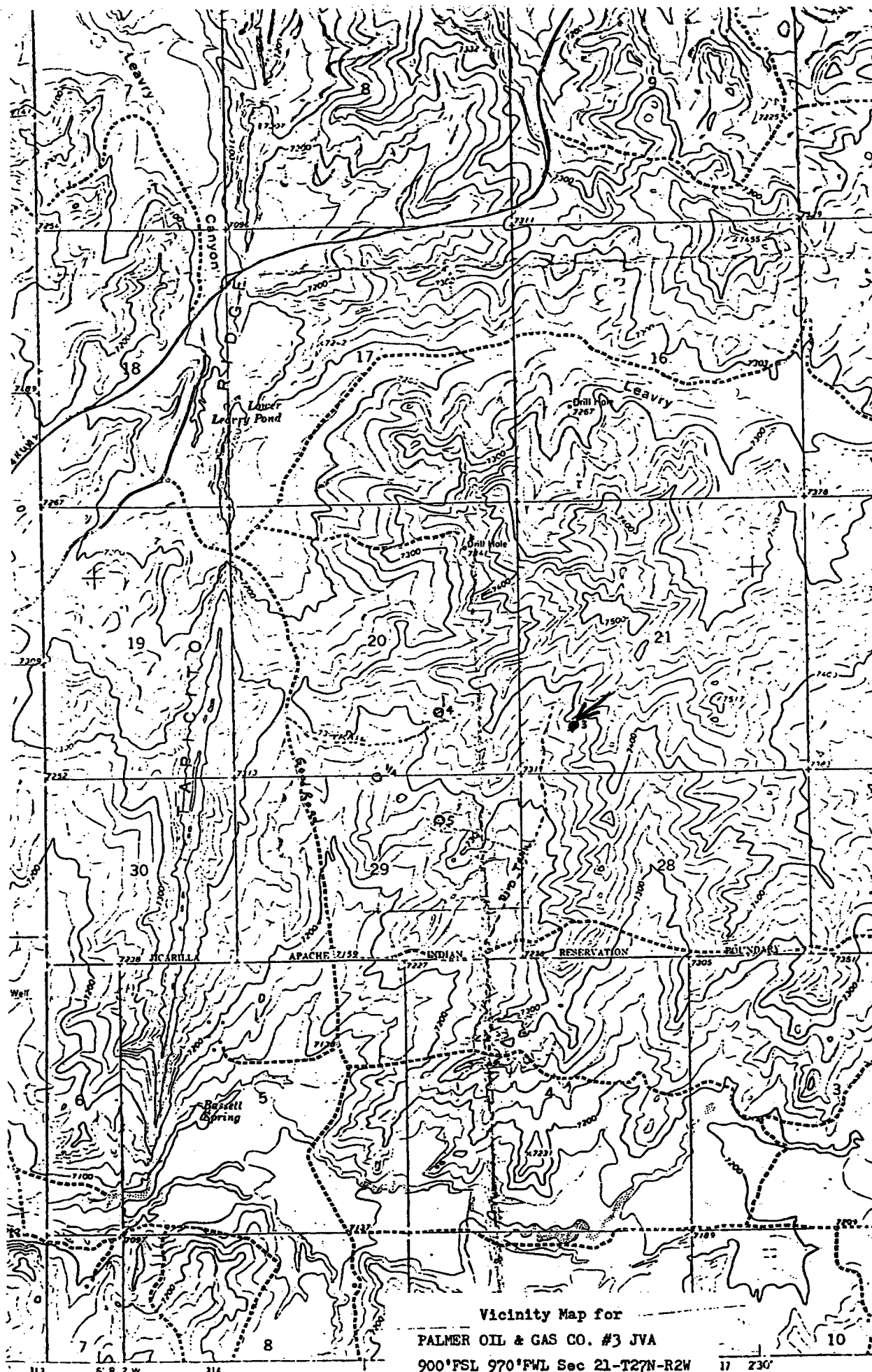
Registered Professional Engineer  
and/or Land Surveyor

*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certificate No.

**3950**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



Vicinity Map for  
 PALMER OIL & GAS CO. #3 JVA  
 900' FSL 970' FWL Sec 21-T27N-R2W  
 RIO ARRIBA COUNTY, NEW MEXICO  
 Plat No 1

17 230'

MILE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

5. LEASE DESIGNATION AND SERIAL NO.

Joint Venture

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Apache-JVA

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Blanco-Mesaverde

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

Sec. 21-27N-2W

12. COUNTY OR  
PARISH

Rio Arriba

13. STATE

New Mexico

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

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

3. NAME OF OPERATOR

Palmer Oil &amp; Gas Company

4. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

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

At surface 970' FWL, 900' FSL

At top prod. interval reported below

same

At total depth same

14. PERMIT NO.

DATE ISSUED

15. DATE SPOOLED

5/10/78

16. DATE T.D. REACHED

5/18/78

17. DATE COMPL. (Ready to prod.)

8/31/78

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

7376' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

6278'

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

6246

22. IF MULTIPLE COMPL.,  
HOW MANY\*

commingled

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

0-TD

CABLE TOOLS

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

6098-6229 - Lower Mesaverde

5758-5970 - Upper Mesaverde

25. WAS DIRECTIONAL  
SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger FD/CNL-GR, FDC, IES, SNP, HRT

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	355' KB	13-3/8"	250 sx	
7"	20#	4059' KB	8-1/4"	150 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3921'	6247' KB	350 sx		2-3/8"	6085'	

31. PERFORATION RECORD (Interval, size and number)

6098, 6106, 6130, 6182, 6202, 6218, 6228  
and 6229 - 1 shot each.5758, 5763, 5802, 5840, 5855, 5862, 5868,  
5942, 5951, 5954 and 5970 - 1 shot each

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6098-6229	750 gal. 15% HCL. Fraced with
60,000 gal.	Minimax II fluid containing
20,000# 100	mesh sand, 45,000# 10/20 sand
& 500 scf/b	nitrogen (con'd on back page)

33. PRODUCTION

DATE FIRST PRODUCTION shut in PRODUCTION METHOD (Flowing, gas lift, pumping—else and type of pump) flowing WELL STATUS (Producing or shut-in) shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
8/31/78	3	3/4"			515		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
324 psi	826 psi			4124			

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

to be sold

TEST WITNESSED BY

Joe Elledge

35. LIST OF ATTACHMENTS

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

SIGNED

Robert D. Ballantyne

TITLE Drilling Superintendent

DATE 10/8/78

Robert D. Ballantyne

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

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

**RATION OFFICE**

P. O. Box 2564, Billings, Montana 59103

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

Lease Name <b>Apache JVA</b>	Well No. <b>3</b>	Poo. Name, Including Formation <b>Blanco-Mesaverde</b>	Kind of Lease State, Federal or Fee	Joint Venture	Lease No. Agreement
Location					
Unit Letter <b>M</b> : <b>970'</b> Feet From The <b>West</b> Line and <b>900'</b> Feet From The <b>South</b>					
Line of Section <b>21</b> Township <b>27N</b> Range <b>2W</b> , NMPM, <b>Rio Arriba</b> County					

DESIGNATION OF TRANSPORTER OF OIL OR CONDENSATE OR GAS Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>					Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>					Address (Give address to which approved copy of this form is to be sent)	
Northwest Pipeline Corporation					P. O. Box 1526, Salt Lake City, Utah 84110	
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When

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

Designate Type of Completion - (X)		Oil Well	Gas well	Steam Well	Workover	Deepen	Plug Back	Some Res'tv.	Diff. Res'tv.
			X	X					
Date Spudded 5/10/78	Date Compl. Ready to Prod. 8/31/78	Total Depth 6278'					P.B.T.D. 6246'		
Elevations (DF, KKB, RT, CR, etc.) 7376' GL	Name of Producing Formation Mesaverde	Top Oil/Gas Pay 5758					Tubing Depth 6085'		
Perforations 5758, 5763, 5802, 5840, 5855, 5862, 5868, 5942, 5951, 5954, 5970							Depth Casing Shoe		
6098, 6106, 6130, 6182, 6202, 6218, 6228, 6229									
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
13-3/8"	9-5/8"		355' KB		250 SX				
8-1/4"	7"		4059' KB		150 SX				
7-7/8"	4-1/2"		6247' KB		350 SX				
(cased)	2-3/8"		6085' KB		none				

(Test must be after recovery of total test score and must be able for this death or be for full 24 hours.)

Date First New Oil Run To Tanks	Date of Test	Production Method (Pump, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Cou. - 1400	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - 1400

Actual Prod. Test - MCF/D 4124	Length of Test 3 hours	Bble. Condensate/Ath. CF	Gravity of Condensate
Testing Method (pilot, back pr.) back pressure	Tubing Pressure (shut-in) 1541	Casing Pressure (shut-in) 1547	Choke Size 3/4"

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

January 23, 1979

TITLE SUPERVISOR EMP.

**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 allowance on new and recompleted wells.

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

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

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

FILE	
STEP	OIL
	GAS
TOR	
ATION OFFICE	

Palmer Oil & Gas Company

P. O. Box 2564, Billings, Montana 59103

Reason(s) for filing (Check proper box)		Other (Please explain)	
New Well	<input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input checked="" type="checkbox"/>

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Apache JVA	Well No.	3	Pool Name, including Formation	Blanco-Mesaverde	Kind of Lease	Joint	Lease No.	
Location	State, Federal or Fee								Venture Agreement
Unit: Letter	M	970'	Feet From The	West	Line and	900'	Feet From The	South	
Line of Section	21	Township	27N	Range	2W	NMPM	Rio Arriba	County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil	<input type="checkbox"/>	or Condensate	<input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Caribou Four Corners, Inc.				P. O. Box 457, Afton, Wyoming 83110
Name of Authorized Transporter of Casinghead Gas	<input type="checkbox"/>	or Dry Gas	<input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
APC				
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Fsq.

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	Dev. Well	Workover	Deepen	Plug Back	Some Reval.	Diff. R
		X	X					
Date Spudded	5/10/78	Date Compl. Ready to Prod.	8/31/78	Total Depth	6278'	P.B.T.D.	6246'	
Elevations (DF, HKB, RT, GR, etc.)	7376' GL	Name of Producing Formation	Mesaverde	Top Oil/Gas Pay	5758	Tubing Depth	6085'	
Perforations	5758, 5763, 5802, 5840, 5855, 5862, 5868, 5942, 5951, 5954, 5970, 6098, 6106, 6130, 6182, 6202, 6218, 6228, 6229					Depth Casing Shoe		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH FEET	SACKS CEMENT					
13-3/8"	9-5/8"	355' KB	250 SX					
8-1/4"	7"	4059' KB	150 SX					
7-7/8"	4-1/2"	6247' KB	350 SX					
(cased)	2-3/8"	6085' KB	none					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

Date First New Oil Run To Tanks	Date of Test	Production Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
4124	3 hours		
Testing Method (prior, back pr.)	Tubing Pressure (Shot-in)	Casing Pressure (Shot-in)	Choke Size
back pressure	1541	1547	3/4"

VI. CERTIFICATE OF COMPLIANCE

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

PALMER OIL & GAS COMPANY

Robert D. Ballantyne  
(Signature)

Robert D. Ballantyne - Drilling Superintendent

February 2, 1979

OIL CONSERVATION COMMISSION

APPROVED FEB 6 1979  
Original Signed By A. R. Kendrick, 19

BY

TITLE

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 deviator 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 I, II, III, and VI for changes of owner,  
well name or number, partitioning or other additional conditions.

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

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

OFFICE	
INTER	OIL
	GAS
ATOR	
RATION OFFICE	

Palmer Oil & Gas Company

P. O. Box 2564, Billings, Montana 59103

Reason(s) for filing (Check proper box)		Other (Please explain)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:		
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input checked="" type="checkbox"/>	

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Apache JVA	Well No. 3	Pool Name, including Formation Blanco-Mesaverde	Kind of Lease State, Federal or Fee	Joint Venture	Lease No. Agreement
Location					
Unit Letter <u>M</u> : <u>970'</u> Feet From The <u>West</u> Line and <u>900'</u> Feet From The <u>South</u>					
Line of Section <u>21</u> Township <u>27N</u> Range <u>2W</u> , NMPM, <u>Rio Arriba</u> County					

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Inland Corporation	P. O. Box 1528, Farmington, New Mexico	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Northwest Pipeline Corporation	P. O. Box 1526, Salt Lake City, Utah 84110	
If well produces oil or liquids, give location of tanks.	Unit	Sec. Twp. Rge.

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

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input type="checkbox"/>	Gas Well <input checked="" type="checkbox"/>	Ne. Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spudded 5/10/78	Date Compl. Ready to Prod. 8/31/78		Total Depth 6278'		P.B.T.D. 6246'			
Elevations (DF, AKB, RT, GR, etc.) 7376' GL	Name of Producing Formation Mesaverde		Top Oil/Gas Pay 5758		Tubing Depth 6085'			
Perforations 5758, 5763, 5802, 5840, 5855, 5862, 5868, 5942, 5951, 5954, 5970 6098, 6106, 6130, 6182, 6202, 6218, 6228, 6229								
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
13-3/8"	9-5/8"		355' KB		250 SX			
8-1/4"	7"		4059' KB		150 SX			
7-7/8"	4-1/2"		6247' KB		350 SX			
(cased)	2-3/8"		6085' KB		none			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of oil and must be at top allowable for this depth or be for full 24 hr. test.)

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

GAS WELL

Actual Prod. Test-MCF/D 4124	Length of Test 3 hours	Bbls. Condensate/MCF	Grain of Condensate
Testing Method (pilot, back pr.) back pressure	Tubing Pressure (Shut-in) 1541	Casing Pressure (Shut-in) 1547	Choke Size 3 1/4"

VI. CERTIFICATE OF COMPLIANCE

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

PALMER OIL & GAS COMPANY

Robert D. Ballantyne

Robert D. Ballantyne, Drilling Supt.

May 16, 1979

(Date)

OIL CONSERVATION COMMISSION

APPROVED MAY 18 1979

BY Original Signed by A. P. Kendrick

TITLE SUPERVISOR OF OIL FIELD #

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

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

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

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

OIL CONSERVATION DIVISION  
P. O. BOX 2000  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-1-78

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

<b>I. PRODUCTION OFFICE</b> Jicarilla Energy Company      ATTN: Thurman Velarde	
Address P.O. Box 507      Dulce, New Mexico 87528	
Reason(s) for filing (Check proper box) New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership <input checked="" type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Other (Please explain) Effective 7/1/80	

If change of ownership give name and address of previous owner      Palmer Oil and Gas Company      Billings, Montana      59103

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>JVA</b>	Well No. <b>3</b>	Pool Name, including Formation <b>Blanco Mesa Verde</b>	Kind of Lease State, Federal or Fee <b>Jicarilla Apache</b>	Lease No. <b>None</b>
Location Unit Letter <b>M</b> : <b>900</b> Feet From The <b>South</b> Line and <b>970</b> Feet From The <b>West</b> Line of Section <b>21</b> Township <b>27N</b> Range <b>2W</b> , NMPM, <b>Rio Arriba</b> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> <b>Inland</b>	Address (Give address to which approved copy of this form is to be sent) <b>5101 East Main      Farmington, New Mexico 87401</b>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <b>Northwest Pipeline</b>	Address (Give address to which approved copy of this form is to be sent) <b>Box 90      Farmington, New Mexico 87401</b>
If well produces oil or liquids, give location of tanks. Unit <b>M</b> Sec. <b>21</b> Twp. <b>27N</b> Rge. <b>2W</b>	Is gas actually connected?      When <b>Yes</b> <b>2/10/79</b>

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res't.	Diff. Res't.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DT % AT, GK, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations		Depth Casing Shoe						
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

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

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Gas
Testing Method (spurt, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATION OF TRANSPORTER

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

*[Signature]*  
\_\_\_\_\_  
President, Jicarilla Apache Tribe  
(Title)  
5-04-81  
(Date)

OIL CONSERVATION DIVISION

APPROVED **MAY 11 1981**, 19\_\_\_\_\_  
BY *[Signature]*  
SUPERVISOR DISTRICT #1  
TITLE \_\_\_\_\_

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 deviated tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowance on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of well name or number, or transporter, or other such change of conditions.  
Separate Form C-104 must be filed for each pool in multiply completed well.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004**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

Jicarilla Apache Energy Corporation

## 3a. Address

P.O. Box 710, Dulce, NM

## 3b. Phone No. (include area code)

505-759-3224

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

990' FSL &amp; 970' FWL, Sec 21, T27N, R2W, NMPM

## 5. Lease Serial No.

701900001

## 6. If Indian, Allottee or Tribe Name

Jicarilla Apache Tribe

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

Joint Venture Agreement

## 8. Well Name and No.

JVA No. 3

## 9. API Well No.

30-039-21552

## 10. Field and Pool, or Exploratory Area

Blanco-Mesaverde

## 11. County or Parish, State

Rio Arriba, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change acreage
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	dedication from South
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Half to West Half

3. 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 recompletion 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 site is ready for final inspection.)

Jicarilla Apache Energy Corporation, JAECO, proposes to change the acreage dedication for their JVA 3 Blanco-Mesaverde well from the South 1/2 of Sec 21, T27N, R2W, NMPM, Rio Arriba County, NM to the West 1/2 of the said section for geological and drainage reasons. With approval, this change will not effect the total acreage dedicated to the subject well; acreage dedication is 320 acres. JAECO is the sole operator of this section.

Your approval is appreciated.

NMOCD form C-102, as ammended, is attached.

Copy - NMOCD Aztec, NM



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

Name (Printed/Typed)

Charles Neeley

Title Agen/PE

Signature

Date May 12, 2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

## Approved by (Signature)

Name  
(Printed/Typed)

Title

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

Date

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.

(Continued on next page)

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

1301 W. Grand Avenue, Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 87418

**District IV**

1220 S. St. Francis Dr., Santa Fe, NM 87505

## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-21552	<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco-Mesaverde
<sup>4</sup> Property Code 5415	<sup>5</sup> Property Name JVA	<sup>6</sup> Well Number 3
<sup>7</sup> OGRID No. 11859	<sup>8</sup> Operator Name Jicarilla Apache Energy Corporation	<sup>9</sup> Elevation 7376' GL

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	27N	2W		900	South	970	West	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 320	<sup>13</sup> Joint or Infill N	<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>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 
		Printed Name Charles Neeley
		Title and E-mail Address Agent/PE. neelccc@acmet.com
		Date May 12, 2004
		<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
		Signature and Seal of Professional Surveyor:
		Certificate Number