



30-029-27248

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

January 8, 2003

Office of the Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426
Attn: Marilyn Rand

**RE: Great Western Drilling Company
Pubco State Com No. 1A**

Ms. Rand:

Enclosed is your copy of the approved NGPA application for the above applicant.

Sincerely,

Kathy Valdes

Enclosures

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
~~2040 Pacheco Street~~
Santa Fe, New Mexico 87505

TF-03-001

1220 S. St. Francis Drive.

APPLICATION FOR CATEGORY DETERMINATION

FOR DIVISION

USE ONLY:

APPROPRIATE FILING FEE ENCLOSED? YES ☒ NO ☐
DATE COMPLETE APPLICATION FILED Dec 23, 2002
DATE DETERMINATION MADE Jan 7, 2003
WAS APPLICATION CONTESTED? YES ☐ NO ☒
NAME(S) OF INTERVENOR(S), IF ANY: na

FILING FEE(S) -

Effective October 1, 1986
a non-refundable filing fee
of \$25.00 per category for
each application is mandatory
(Rule 2, Order No. R-5878-B-3)

1. Name of Operator: Great Western Drilling

6. County: San Juan

2. Address of Operator:
700 W. Louisiana - P.O. Box 1659
Midland, TX 79702

7. API No: 30-029-27248

3. Location of Well: Unit Letter I
located 935 feet from the E line
and 1,690 feet from the S line of
Sec. 36 Twp. 31N Rng. 11W

8. Indicate Type of Lease:
State ☒ Fee ☐

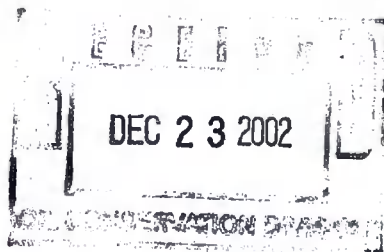
9. State Oil & Gas Lease No.:
NM-48

10. Unit Agreement Name:

4. Farm or Lease Name:
Pubco State Co.

5. Well No:
1A

11. Field and Pool or Wildcat:
Blanco Mesa Verde



Check the appropriate box for category sought and information submitted. Enter
Required information on lines 1 and 2, below.

1. Category sought NGPA Section No. 107 A1 ☐ occluded natural gas from coal seam
A3 ☒ natural gas from a designated tight formation
2. Filing Fee(s) amount enclosed: \$25.00
3. All application must contain:
- a. C-105 Well Completion or Recompletion Report
 - b. Affidavits of Mailing or Delivery

I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND COMPLETE TO
THE BEST OF MY KNOWLEDGE AND BELIEF.

Dennis Hendrix
NAME OF APPLICANT (Type or Print)

Dennis J. Hendrix
SIGNATURE OF APPLICANT

TITLE: Manager of Operations

DATE: December 6, 2002

FOR DIVISION USE ONLY

APPROVED: ☒

DISAPPROVED: ☐

The information contained herein includes all of the information required to be filed by the applicant
under Subpart B of Part 274 of the FERC regulations.

EXAMINER: [Signature]

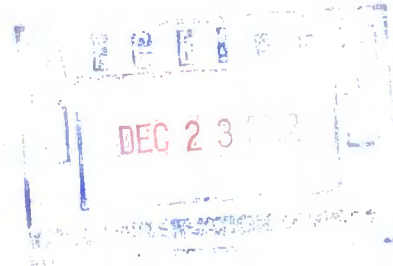
APPLICATION FOR DETERMINATION

A. THE NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL PRODUCING:

- A1 occluded natural gas from a coal seam.
A2 natural gas from Devonian shale.
A3 XX natural gas from a designated tight formation.

B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:

1. Well Name and No.: Pubco State Com #A-1
2. Completed in (Name of Reservoir): Mesa Verde
3. Field: Blanco Mesa Verde
4. County: San Juan
5. State: New Mexico
6. API Well No.: 30-045-27248
7. Measured Depth of the Completion Interval (in feet)
TOP: 4280 BASE: 5188



C. APPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS RESPONSIBLE FOR APPLICATION:

1. Applicant's Name: Great Western Drilling Company
2. Street: P.O. Box 1659
3. City: Midland
4. State: Texas
5. Zip Code: 79702
6. Name of Person Responsible: Dennis Hendrix (915) 682-5241
7. Title of Such Person: Manager of Operations
8. Signature Dennis J. Hendrix
Date: December 6, 2002

APPLICATION FOR WELL CATEGORY DETERMINATION
PURSUANT TO SECTION 270 OF
THE FEDERAL ENERGY REGULATORY COMMISSION'S
REGULATIONS IMPLEMENTING
THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

AFFIDAVIT
TIGHT FORMATION GAS

STATE OF TEXAS

COUNTY OF HARRIS

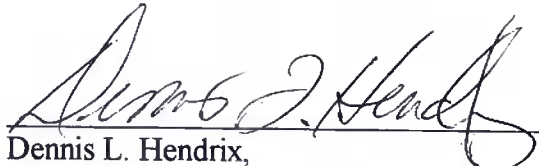
BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State and County aforesaid, personally came and appeared Dennis L. Hendrix, who being by me first duly sworn, deposed and said:

That he is the Manager of Operations for Great Western Drilling Company, the applicant for the well hereinafter described, and in that capacity, he is requesting the appropriate Authorized Officer to make a determination that this well is producing from a tight formation pursuant to the rules and regulations of the State of New Mexico and the Federal Energy Regulatory Commission (FERC), as such rules relate to the NGPA.

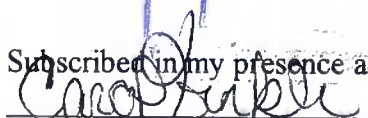
That production from the **Pubco State #1A** well, **API No. 30-045-27248** is natural gas produced from a FERC designated tight formation, assigned **State No. NM-48**, through:

- ☒ a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
☐ a recompletion commenced after January 1, 1993, in a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
☐ a recompletion commenced after December 31, 1979, but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well bore before January 1, 1980.

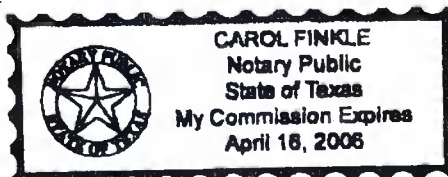
Said applicant has no knowledge of any information not described in the application that is inconsistent with his conclusion.


Dennis L. Hendrix,
Manager of Operations

Subscribed in my presence and duly sworn to before me, this 6th day of December 2002


Notary Public

NMOCD TF Affidavit



My Commission Expires:



GREAT WESTERN DRILLING COMPANY

Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

December 9, 2002

Michael E. Stogner
New Mexico Energy, Minerals and Natural Resources Dept.
Oil Conservation Division
1220 St. Francis Drive
Santa Fe, New Mexico

Re: Amended Application for NGPA Well Category Determination
Pubco State Com. No. 1-A (API No. 30-045-27248)
1690' FSL, 935' FEL (Unit I) of Sec. 36, T31N, R11W
San Juan County, New Mexico

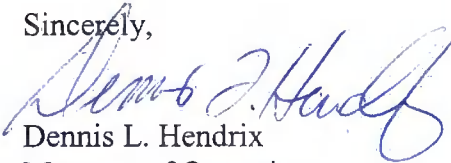
Dear Mr. Stogner,

Please find amended forms as requested for the referenced application along with a \$25.00 check to cover the filing fee. The original application was filed erroneously as a coal seam well, whereas the referenced well is indeed producing from the Blanco-Mesaverde Pool. Included with this letter are the following documents in duplicate for your review and consideration:

- i: the Division's required Form C-132
- ii: an amended FERC Form 121
- iii: an amended affidavit for tight formation gas

If you require any additional information, please let us know.

Sincerely,


Dennis L. Hendrix
Manager of Operations

Attachments

cc: Working Interest Owners



Submit to appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

OIL CONSERVATION DIVISION

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

API No. (assigned by O&G on New Wells)

5. Indicate Type of Lease

STATE ☒ FEDERAL ☐

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☐ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

GREAT WESTERN DRILLING CO.

3. Address of Operator

242 Petroleum Plaza, Farmington, NM 87401

4. Well Location

Unit Letter I : 935 Feet From The East Line and 1690 Feet From The South Line

Section 36

Township 31-N

Range 11-W

NMPM

San Juan

County

10. Proposed Depth

5200'

11. Formation

Mesa Verde

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

6061' GR

14. Kind & Status Plug Bond

State wide

15. Drilling Contractor

unknown

16. Approx. Date Work will start

5-1-89

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4	10-3/4	40#	250±	325	Circulate
8-3/4	7"	23#	2800±	650	"
6-1/4	4 1/2"	10.50#	5100±	350	"

- 1 - Drill & set surface csg. w/cement circulated to surface.
- 2 - Set 10" 900 series, Hyd. B.O.P. on surface pipe, test to 1500# before drilling shoe jt.
- 3 - Drill 8-3/4" hole w/native mud or mist drill with air to 2800' ±
- 4 - Set 7" Csg. @ 2800' and circulate cement to surface w/stage tool.
- 5 - Set 10" 900 hydraulic B.O.P. on 7" csg. hanger, test to 2000# before drilling out shoe jt.
- 6 - Drill 6 1/2" hole to T.D. 5100' ±
- 7 - Set 4 1/2" liner 2700' T.D. circulate cement behind liner and test to 2000#, determine by logs what to perforate and frac in Mesa Verde section.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE D E Bayte TITLE Superintendent DATE March 20, 1989

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

SUPERVISOR DISTRICT 23

MAR 21 1989

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL EXPIRES 9-21-89
UNLESS DRILLING IS COMMENCED
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-105
Revised 1-7-89

WELL API NO. 30-045-27248
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-5386, B-11370, E-3150

WELL COMPLETION OR RECOMPLETION REPORT AND LOG	
1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐	7. Lease Name or Unit Agreement Name PUBCO STATE COM
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DRYDEN ☐ PLUG BACK ☐ DIPP RESVR ☐ OTHER ☐	

2. Name of Operator GREAT WESTERN DRILLING CO.	8. Well No. A-1
3. Address of Operator 2550 La Plata Hwy, Farmington, NM 87401	9. Pool name or Wildcat Blanco Mesa Verde

4. Well Location Unit Lease <u>I</u> : <u>935</u> Feet From The <u>East</u> Line and <u>1690</u> Feet From The <u>South</u> Line Section <u>36</u> Township <u>31N</u> Range <u>11W</u> NMPM San Juan County	
--	--

10. Date Spudded 8-1-89	11. Date T.D. Reached 8-8-89	12. Date Compl. (Ready to Prod.) 12-12-89	13. Elevations (DF & RKB, RT, GR, etc.) 6061 GL	14. Elev. Casinghead 6061
15. Total Depth 5260	16. Plug Back T.D. 5220	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools	Cable Tools None

19. Producing Interval(s), of this completion - Top, Bottom, Name 4280-5188 Mesa Verde		20. Was Directional Survey Made 5225 1/2° 0 to TD
21. Type Electric and Other Logs Run Density, Neutron Log, Temperature Log		22. Was Well Cased No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	259	14-3/4	277 cu. ft. 2% CaCl	
7"	20# & 23#	2897	8-3/4	184 cu. ft. class "B" w/43# B-46 glass bubbles 2% CaCl followed w/100 sx reg. class "B" 2% CaCl +50 sx reg. in top cmt circ 325 sx class B 1% CaCl	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
4 10.5	2793	5258	303 cu. ft.		2-3/8	5127
						PACKER SET none

26. Perforation record (interval, size, and number) 4280-4308, 4326-48, 4342-56, 4362-64, 4386-94, 4402-16, 4420-46, 4452-84, 4494-4504, 4522-28, 4584-86, 4588-92, 4550-52, 4558-62, 4566-70, 4580-90, 4596-4, 4598-04, 4700-04, 4714-26, 4736-44, 4760-70, 4962-72, 4974-86, 4994-96, 5000-12, 5014-14, 5016-16, 5018-18, 5020-20, 5022-22, 5024-24, 5026-26, 5028-28, 5030-30, 5032-32, 5034-34, 5036-36, 5038-38, 5040-40, 5042-42, 5044-44, 5046-46, 5048-48, 5050-50, 5052-52, 5054-54, 5056-56, 5058-58, 5060-60, 5062-62, 5064-64, 5066-66, 5068-68, 5070-70, 5072-72, 5074-74, 5076-76, 5078-78, 5080-80, 5082-82, 5084-84, 5086-86, 5088-88, 5090-90, 5092-92, 5094-94, 5096-96, 5098-98, 5100-100, 5102-102, 5104-104, 5106-106, 5108-108, 5110-110, 5112-112, 5114-114, 5116-116, 5118-118, 5120-120, 5122-122, 5124-124, 5126-126, 5128-128, 5130-130, 5132-132, 5134-134, 5136-136, 5138-138, 5140-140, 5142-142, 5144-144, 5146-146, 5148-148, 5150-150, 5152-152, 5154-154, 5156-156, 5158-158, 5160-160, 5162-162, 5164-164, 5166-166, 5168-168, 5170-170, 5172-172, 5174-174, 5176-176, 5178-178, 5180-180, 5182-182, 5184-184, 5186-186, 5188-188, 5190-190, 5192-192, 5194-194, 5196-196, 5198-198, 5200-200, 5202-202, 5204-204, 5206-206, 5208-208, 5210-210, 5212-212, 5214-214, 5216-216, 5218-218, 5220-220, 5222-222, 5224-224, 5226-226, 5228-228, 5230-230, 5232-232, 5234-234, 5236-236, 5238-238, 5240-240, 5242-242, 5244-244, 5246-246, 5248-248, 5250-250, 5252-252, 5254-254, 5256-256, 5258-258, 5260-260		27. ACID, SHOT, FRACTURE CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 4280-4608 87,000# 20/40, 120,000 slick wa: 4700-5034 122,000 20/40, 132,000 slick wa: 5176-5188 17,000# 20/40, 23,000# slick wa:	
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Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in) SI W.O. pipeline
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Date of Test	Hours Tested	Casing Size	Pressure For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-6-89	24	adjustable		2	8,236,880	load water	4118.44 to 1
Flow Tubing Pressure	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
435	735		2	8236.8-	load water	52	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) vented	Test Witnessed By
--	-------------------

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief
--

Signature <u>D. E. Baxter</u>	Printed Name <u>D. E. Baxter</u>	Title <u>Supr.</u>	Date <u>1-4-90</u>
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Great Western Drilling Co.

J.I.B. DIVISION OF INTEREST LISTING LATEST DECKS
OWNER FOR PUBCO #1A

DJ078 08/02/2001 PAGE 1

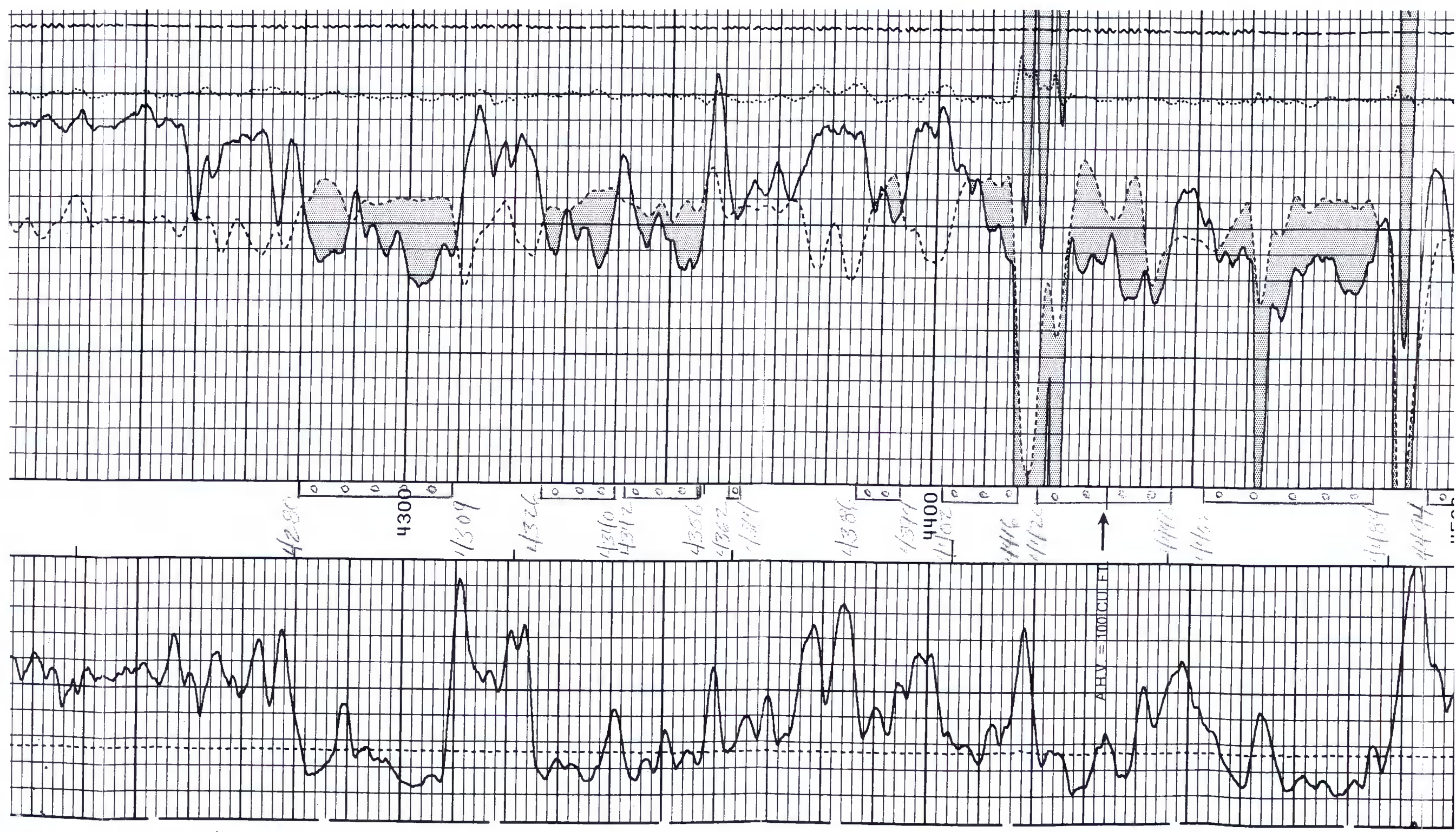
PROPERTY	PROPERTY NAME	EFFECTIVE		OWNER	OWNER NAME	D.D.I.	PREPAYMENT	COST	AFIL
		DECK	DATE				LEASE WELL	CTR.	CODE
02820-000	PUBCO STATE #1-A	A	05/01/97	0251365	DAVOIL INC	0.15541750	02820-000	0	N
	PUBCO STATE #1-A				P O BOX 122269 FORT WORTH TX 76121-2269				
						Tax-id No: 75-1531420			
				0811308	ENERGEN RESOURCES CORPORATION	0.12500000	02820-000	0	N
					605 RICHARD ARRINGTON JR BLVDN BIRMINGHAM AL 35203-2707				
						Tax-id No: 63-0808872			
				9999901	GREAT WESTERN DRILLING COMPA	0.71958250	02820-000	0	N
					P O BOX 1659 MIDLAND TX 79702-1659				
						Tax-id No: 75-0397250			
				*** DECK TOTAL	3 OWNERS	1.00000000			

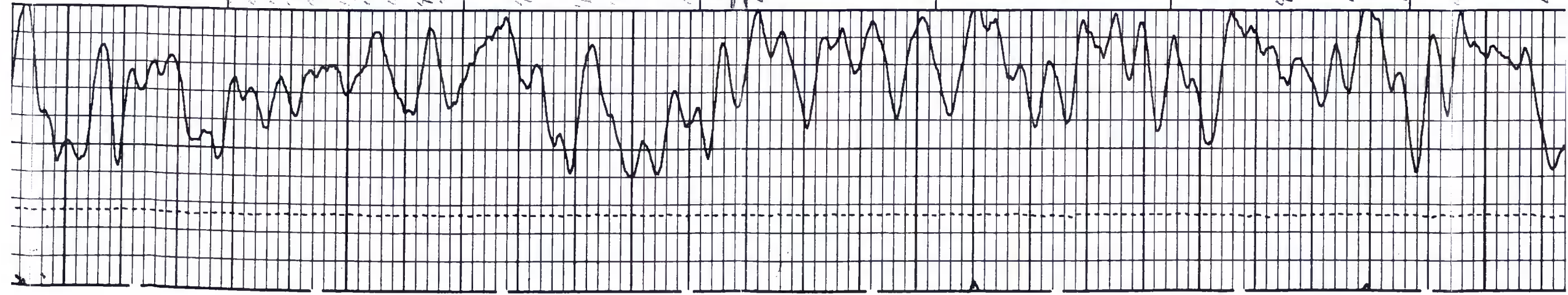


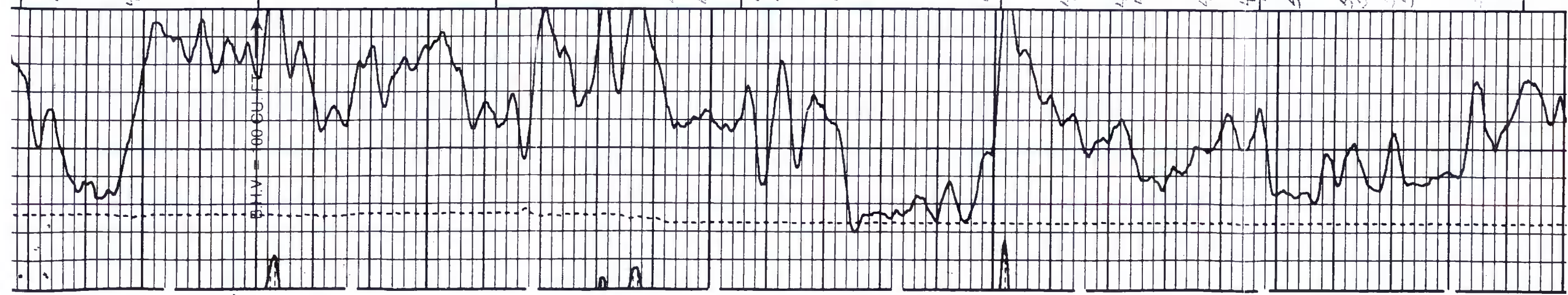
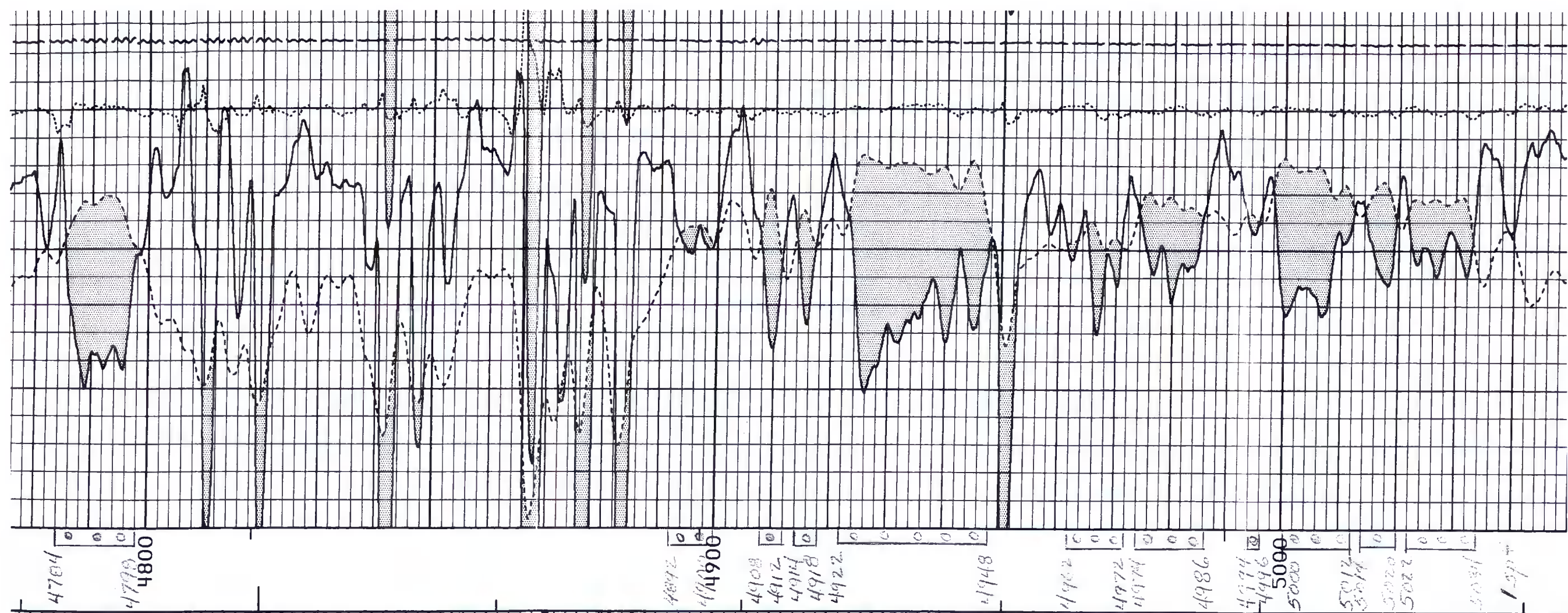
Well File

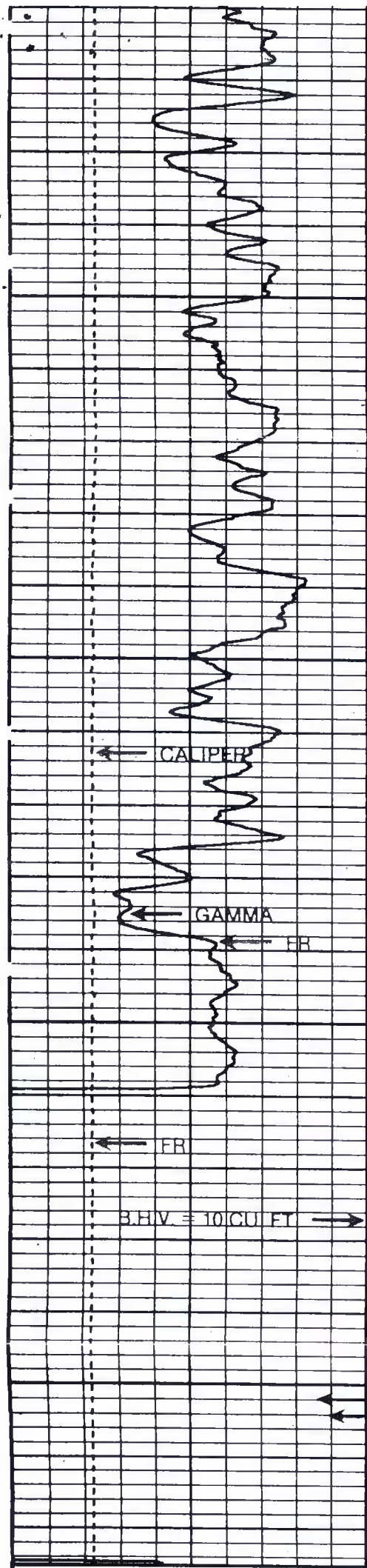
COMPENSATED DENSITY EPI NEUTRON LOG

COMPANY WELL FIELD COUNTY		COMPANY GREAT WESTERN DRILLING CO.			
		WELL PUBCO STATE COM A-1			
		FIELD BLANCO MESA VERDE			
		COUNTY SAN JUAN		STATE NM	
		API NO. N/A		OTHER SERVICES	
		LOCATION 935 FEL AND 1690 FSL		DIL-TEMP	
		SEC. 36 TWP 31N RGE 11W			
		PERMANENT DATUM G.L. ELEV. 6061		ELEV.: K.B. 6073	
		LOG MEASURED FROM K.B. 12 FT. ABOVE PERM. DATUM		D.F. 6072	
		DRILLING MEASURED FROM KELLY BUSHING		G.L. 6061	
DATE	8/04/89	8/08/89			
RUN NO.	ONE	TWO			
DEPTH-DRILLER	2900	5260			
DEPTH-LOGGER	2895	5254			
BTM. LOG INTER.	2893	5452			
TOP LOG INTER.	272	2895			
CASING-DRILLER	10.75 @ 270	7.0 @ 2896			
CASING-LOGGER	272	2895			
BIT SIZE	8.75	6.25			
TYPE FLUID IN HOLE	GEL	AIR			
DENS. : VISC	9.1 : 60	N/A : N/A			
PH : FLUID LOSS	N/A : N/A	N/A : N/A			
SOURCE OF SAMPLE	FLOWLINE	N/A			
RM @ MEAS. TEMP.	3.42 @ 74.5	N/A @ N/A			
RMF @ MEAS. TEMP.	3.01 @ 74.5	N/A @ N/A			
RMC @ MEAS. TEMP.	3.76 @ 74.5	N/A @ N/A			
SOURCE RMF : RMC	CALC : CALC	N/A : N/A			
RM @ BHT	2.02 @ 130	N/A @			
TIME SINCE CIRC.	3 HRS	N/A			
TIME ON BOTTOM	22:53	16:15			
MAX. REC. TEMP.	130 @ TD	136 @ TD			
EQUIP. : LOCATION	4557 : FARM	4550 : FARM			
RECORDED BY	P. BAKER	J. KOPFMAN	G. FRISCH		
WITNESSED BY	K.C. BOWMAN	K.C. BOWMAN	D. EIGE	D. BAXTER	









5100

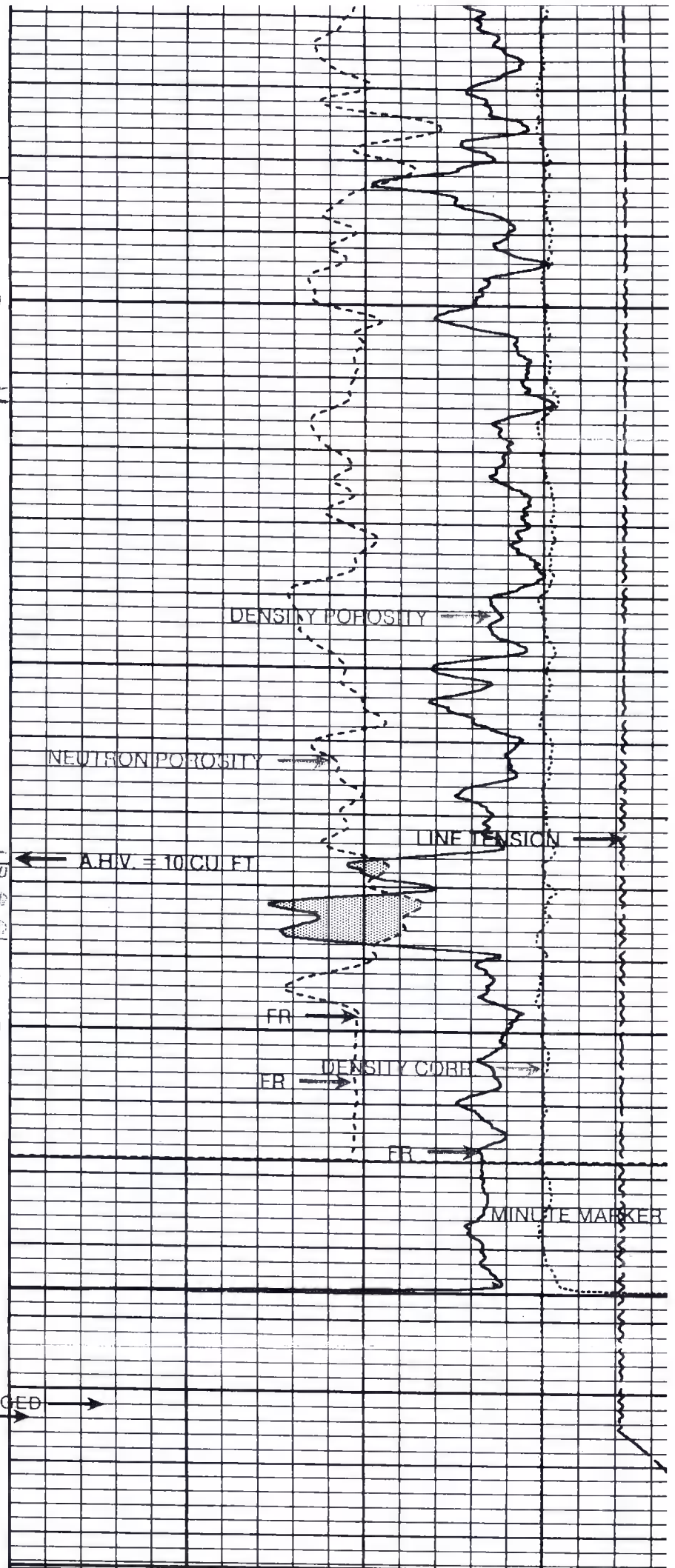
~~BP~~
5112

5176

5189

1 spf
5200

GAMMA		
0	API	200
CALIPER		



5100

~~BP~~
5112

5176

5189

1 spf
5200

TENSION	
10000	POUNDS
DEN CORR	
-.25	GM/CC
DEN POROS	
30	2.65
DSE POR G	

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

Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088 OIL CONSERVATION DIVISION

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

RECEIVED

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

88 AUG 12 AM 9 01

Operator GREAT WESTERN DRILLING CO.	Well API No.
Address 2550 La Plata Hwy, Farmington, NM 87401	
Reason(s) for Filing (Check proper box) New Well ☐ Change in Transporter of: Recompletion ☐ Oil ☐ Dry Gas ☒ Change in Operator ☐ Casinghead Gas ☐ Condensate ☐	
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name PUBCO STATE COM	Well No. 1-A	Pool Name, including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. E-5386, B-113 E-3150
Location Unit Letter I : 935 Feet From The East Line and 1690 Feet From The South Line Section 36 Township 31N Range 11W, NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil Giant Refining Co.	or Condensate ☒	Address (Give address to which approved copy of this form is to be sent) Box 356 Farmington, N.Mex 87499				
Name of Authorized Transporter of Casinghead Gas GREAT WESTERN DRILLING CO.	or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent) 2550 La Plata Hwy, Farmington, NM 87401				
If well produces oil or liquids, give location of tanks.	Unit I	Sec. 36	Twp. 31N	Rge. 11W	Is gas actually connected?	When?

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

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

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift)	RECEIVED AUG 07 1992 OIL CON. DIV. DIST. 3
Length of Test	Tubing Pressure	Casing Pressure	
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Signature John B. Keeling Sr.
John B. Keeling Div. Drlg & Prod Supv.
Printed Name Title
8-6-92 327-0494
Date Telephone No.

OIL CONSERVATION DIVISION

AUG 07 1992

Date Approved

By

Bill D. Shum
SUPERVISOR DISTRICT #3

Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

RECEIVED
JUL 31 AM 8 53

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator GREAT WESTERN DRILLING COMPANY	Well API No. 30-045-27248
Address 2550 La Plata Hwy, Farmington, NM 87401	
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)	
New Well ☐	Change in Transporter of: Oil ☐ Dry Gas ☐
Recompletion ☐	Casinghead Gas ☐ Condensate ☒
Change in Operator ☐	
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name PUBCO STATE COM	Well No. 1-A	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. E-5386, B-11370 E-3150
Location Unit Letter <u>I</u> : <u>935</u> Feet From The <u>East</u> Line and <u>1690</u> Feet From The <u>South</u> Line Section <u>36</u> Township <u>31N</u> Range <u>11W</u> , NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒ Giant Refinery Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 256, Farmington, NM 87499					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ El Paso Natural Gas Co.	Address (Give address to which approved copy of this form is to be sent) Farmington, NM 87401					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When?

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

IV. COMPLETION DATA

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

V. TEST DATA AND REQUEST FOR ALLOWABLE

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

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

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

D. E. Baxter
Signature
D. E. Baxter Area Supervisor
Printed Name
7-24-90 327-0494
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved JUL 27 1990
By [Signature]
Title SUPERVISOR DISTRICT #3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

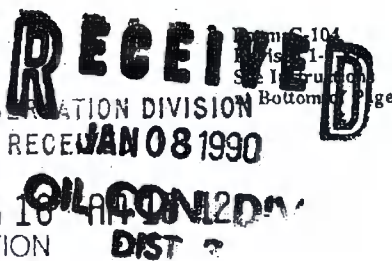
- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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



REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator GREAT WESTERN DRILLING CO.	Well API No. 30-045-27248
Address 2550 La Plata Hwy, Farmington, NM 87401	
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)	
New Well ☒	Change in Transporter of:
Recompletion ☐	Oil ☐ Dry Gas ☐
Change in Operator ☐	Casinghead Gas ☐ Condensate ☐
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Pubco State Com	Well No. 1-A	Pool Name, including Formation Blanco Mesa Verde	Kind of Lease (State) Federal or Fee	Lease No. E-5386, B-11370 E-3150
Location Unit Letter I : 935 Feet From The East Line and 1690 Feet From The South Line Section 36 Township 31N Range 11W , NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1183 Houston, TX 77251-1183
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent) P. O. Box 4289 Farmington, NM 87499
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When ? I 36 31N 11W No 1-15-90

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
		X	X					
Date Spudded 8-1-89	Date Compl. Ready to Prod. 12-12-89		Total Depth 5260		P.B.T.D. 5220			
Elevations (DF, RKB, RT, GR, etc.) 6061 GL	Name of Producing Formation Mesa Verde		Top Oil/Gas Pay 4280		Tubing Depth 5127			
Perforations 4280-5188					Depth Casing Shoe			

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
14-3/4"	10-3/4	259	277 cu. ft. 2% CaCl
8-5/8	7"	2897	659 cu. ft.
6 1/2	4 1/2 liner	5258	383 cu. ft.
	2-3/8" tubing	5127	

V. TEST DATA AND REQUEST FOR ALLOWABLE

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

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

GAS WELL

Actual Prod. Test - MCF/D 8,236	Length of Test 24	Bbls. Condensate/MMCF 1.3	Gravity of Condensate 52
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 808	Casing Pressure (Shut-in) 947	Choke Size 7/8

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

D. E. Baxter
Signature
D. E. Baxter
Printed Name
1-4-90
Date
505-327-0494
Telephone No.
Supt.
Title

OIL CONSERVATION DIVISION
1-8-89
Date Approved
JAN 08 1990
By **[Signature]**
Title **SUPERVISOR DISTRICT 1**

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- All sections of this form must be filled out for allowable on new and recompleted wells.
- Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION
RECEIVED

Form C-105
Revised 1-1-89

WELL API NO.

10-0-0-10-20

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-5386, B-11370, E-3150

7. Lease Name or Unit Agreement Name

PUBCO STATE COM

8. Well No.

A-1

9. Pool name or Wildcat

Blanco Mesa Verde

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR ☐

OTHER ☐

2. Name of Operator

GREAT WESTERN DRILLING CO.

3. Address of Operator

2550 La Plata Hwy, Farmington, NM 87401

4. Well Location

Unit Letter I : 935 Feet From The East Line and 1690 Feet From The South Line

Section 36

Township 31N

Range 11W

NMPM

San Juan

County

10. Date Spudded

8-1-89

11. Date T.D. Reached

8-8-89

12. Date Compl. (Ready to Prod.)

12-12-89

13. Elevations (DF & RKB, RT, GR, etc.)

6061 GL

14. Elev. Casinghead

6061

15. Total Depth

5260

16. Plug Back T.D.

5220

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

None

19. Producing Interval(s), of this completion - Top, Bottom, Name

4280-5188 Mesa Verde

20. Was Directional Survey Made

5225 1/2° 0 to TD

21. Type Electric and Other Logs Run

Density, Neutron Log, Temperature Log

22. Was Well Cored

No

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

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	259	14-3/4	277 cu. ft. 2% CaCl	
7"	20# & 23#	2897	8-3/4	184 cu. ft. class "B" w/43# B-46 glass bubbles 2% CaCl followed w/100 sx reg. class "B" 2% CaCl +50 sx reg. in top cmt circ 325 sx class B 1% CaCl	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2 10.5	2793	5258	383 cu. ft.		2-3/8	5127	none

26. Perforation record (interval, size, and number) 4280-4308, 4326-48, 4342-56, 4362-64, 4386-94, 4402-16, 4420-46, 4452-84, 4494-4504, 4522-28, 4584-86, 4588-92, 4550-52, 4558-62, 4566-70, 4580-90, 4596-4608, 4700-04, 4714-26, 4736-44, 4760-70, 484962-72, 4974-86, 4994-96, 5000-12, 5176-88

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4280-4608	87,000# 20/40, 120,000 slick water
4700-5034	122,000 20/40, 132,000 slick water
5176-5188	17,000# 20/40, 23,000# slick water

Date First Production

Production Method (Flowing, gas lift, pumping - Size and type pump)

Well Status (Prod. or Shut-in)

SI W.O. pipeline

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11-6-89	24	adjustable		2	8,236,880	load water	4118.44 to 1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
435	735		2	8,236,880	load water	52	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

vented

Test Witnessed By

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

D. E. Baxter

Printed Name

D. E. Baxter

Title Supt.

Date 1-4-90

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

Anhy	T. Canyon	T. Ojo Alamo	1280	T. Penn. "B"
Salt	T. Strawn	T. Kirland-Fruitland	1346-2300	T. Penn. "C"
Salt	T. Atoka	T. Bearded Cliffs	2630	T. Penn. "D"
Yates	T. Miss	T. Cliff House	4280	T. Leadville
7 Rivers	T. Devonian	T. Menefee	4488	T. Madison
Queen	T. Silurian	T. Point Lookout	4890	T. Elbert
Grayburg	T. Montoya	T. Mancos		T. McCracken
San Andres	T. Simpson	T. Gallup		T. Ignacio Otzte
Glorieta	T. McKee	Base Greenhorn		T. Granite
Paddock	T. Ellenburger	T. Dakota		T.
Blaine	T. Gr. Wash	T. Morrison		T.
Tubb	T. Delaware Sand	T. Todilto		T.
Drinkard	T. Bone Springs	T. Entrada		T.
Abo	T.	T. Wingate		T.
Wolfcamp	T.	T. Chinle		T.
Penn	T.	T. Permian		T.
Cisco (Bough C)	T.	T. Penn "A"		T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

include data on rate of water inflow and elevation to which water rose.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

OIL CONSERVATION DIVISION

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

WELL API NO.	30-045-27248
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	E-5386, B-11370, E-3150
7. Lease Name or Unit Agreement Name	Pubco State Com
8. Well No.	1A
9. Pool name or Wildcat	Blanco Mesa Verde
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	6061' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER ☐	2. Name of Operator GREAT WESTERN DRILLING CO.	3. Address of Operator 2550 La Plata Hwy, Farmington, NM 87401	4. Well Location Unit Letter <u>I</u> : <u>935</u> Feet From The <u>East</u> Line and <u>1690</u> Feet From The <u>South</u> Line
---	---	---	--

Section <u>36</u>	Township <u>31N</u>	Range <u>11W</u>	NMPM	San Juan	County
-------------------	---------------------	------------------	------	----------	--------

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER: ☐
SUBSEQUENT REPORT OF:	
REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☒	OTHER: Spud well & run long string ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

8-1-89

Spud 14-3/4" hole @ 7:15 P.M. 8-1-89.

8-1-89

Ran 8 jts. 40.5# J-55 10-3/4" csg. total of 247', set @ 259 K.B., cemented w/235 sx class "B" 2% Ca. cl. cement circulated good. W.O.C. 12 hrs. Nipple up test B.O.P & csg. 800# 30 min. o.k.

8-6-89

Ran 74 jts. 20 & 30# J-55 8rd 7" csg. 2885 set @ 2897' K.B. cemented w/150 sx class "B" + 43# of Howco glass bubbles + 1% halad 22-A + 1/4# flocele + 2% ca. cl. mixed @ 8.6# per gal. followed w/100 sx class "B" + 1% ca. cl. mixed @ 15.6# 1 gal. cement circulated to surface. 8-9-89 W.O.C. 14 hr. nipple up B.O.P., test B.O.P. & 7" csg. to 1000# 30 min. o.k.

Ran 61 jts. 10.5# J-55 ST&C 4 1/2" csg. w/Baker liner hanger, hanger @ 2793' bottom @ 5258' 2' off bottom, cemented w/325 sx class "B" + 1% ca. cl. plug down @ 2:00 A.M. 8-9-89, reverse out cement above liner, released rig 4:00 A.M.

8-9-89 (logs run open hole) GR, SP, comp, neutron-density, caliper & DI guard

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

SIGNATURE D. E. Bayler TITLE Superintendent DATE 10-27-89

TYPE OR PRINT NAME _____ TELEPHONE NO. _____

(This space for State Use)

APPROVED BY [Signature] SUPERVISOR DISTRICT 3 DATE OCT 30 1989

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

OIL CONSERVATION DIVISION
RECEIVED

Santa Fe, New Mexico 87504-2088

89 NOV 13 AM 11 55

WELL API NO.	30-045-27248
5. Indicate Type of Lease	STATE ☐ FEE ☐
6. State Oil & Gas Lease No.	E-5386, B-11370, E-3150
7. Lease Name or Unit Agreement Name	
Pubco State Com	
8. Well No.	1A
9. Pool name or Wildcat	Blanco Mesa Verde
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	
6061' GR	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER	2. Name of Operator GREAT WESTERN DRILLING CO.
3. Address of Operator 2550 La Plata Hwy Farmington, NM 87401	4. Well Location Unit Letter <u>I</u> : <u>935</u> Feet From The <u>East</u> Line and <u>1690</u> Feet From The <u>South</u> Line Section <u>36</u> Township <u>31N</u> Range <u>11W</u> NMPM San Juan County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6061' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	OTHER: ☐
PLUG AND ABANDON ☐	ALTERING CASING ☐
CHANGE PLANS ☒	PLUG AND ABANDONMENT ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Change cement program on 7" casing from foam cement to light weight glass bubbles and cement circulated to surface.

RECEIVED
OCT 30 1989
OIL CON D
DIST

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

SIGNATURE D. E. Bayler TITLE Superintendent DATE August 5, 1989

TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY [Signature] SUPERVISOR DISTRICT 3 DATE OCT 30 1989

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

API NO. (assigned by OCD on New Wells)

30-045-27248

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Pubco State Com

2. Name of Operator

GREAT WESTERN DRILLING CO.

8. Well No.

1A

3. Address of Operator

242 Petroleum Plaza, Farmington, NM 87401

9. Pool name or Wildcat

Blanco MV S/320

4. Well Location

Unit Letter I : 935 Feet From The East Line and 1690 Feet From The South Line

Section 36

Township 31-N

Range 11-W

NMPM

San Juan

County

10. Proposed Depth

5200'

11. Formation

Mesa Verde

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

6061' GR

14. Kind & Status Plug. Bond

State wide

15. Drilling Contractor

unknown

16. Approx. Date Work will start

5-1-89

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4	10-3/4	40#	250±	325	Circulate
8-3/4	7"	23#	2800±	650	"
6-1/4	4 1/2"	10.50#	5100±	350	"

1 - Drill & set surface csg. w/circulation to surface.

2 - Set 10" 900 series, Hyd. B.O.P. on top of surface pipe, test to 1500# before drilling shoe jt.

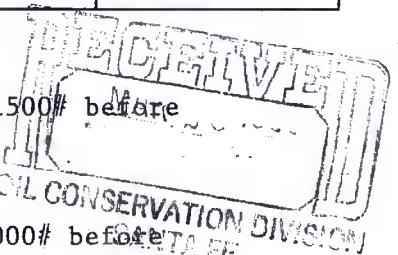
3 - Drill 8-3/4" hole w/native mud or mist drill with air to 2800' ±

4 - Set 7" Csg. @ 2800' and circulate cement to surface w/stage tool.

5 - Set 10" 900 hydraulic B.O.P. on top of 7" csg. hanger, test to 2000# before drilling out shoe jt.

6 - Drill 6 1/2" hole to T.D. 5100' ±

7 - Set 4 1/2" liner 2700' to T.D. circulate cement behind liner and test to 1000# determine by logs what to perforate and frac in Mesa Verde section.



MAR 21 1989

OIL CON. DIV
DIST 2

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE D. E. Bayler TITLE Superintendent DATE March 20, 1989

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

SUPERVISOR DISTRICT II

APPROVED BY [Signature] TITLE Superintendent DATE MAR 21 1989

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL EXPIRES 9-21-89
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS

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

Form C-102
Revised 1-1-88
Effective 1-1-88

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

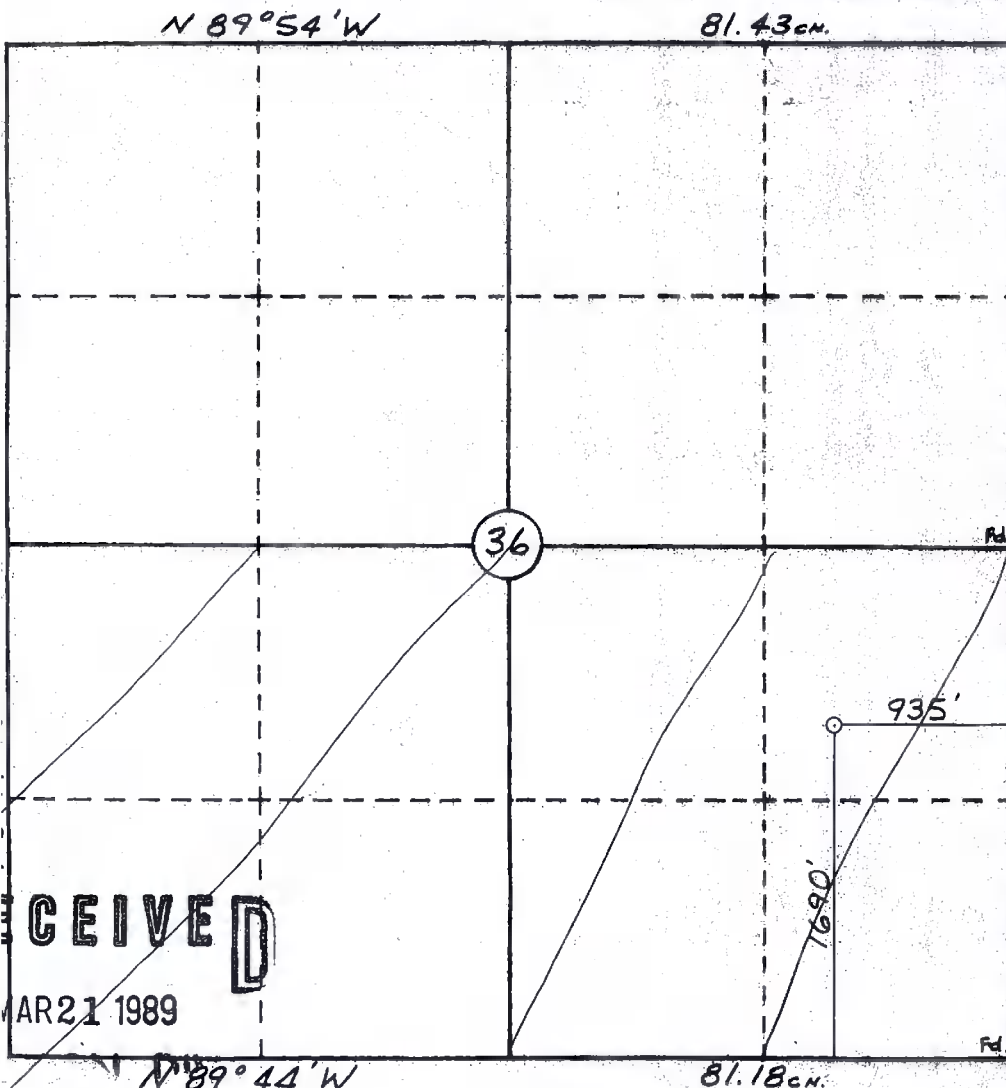
Operator GREAT WESTERN DRILLING COMPANY			Lease PUBCO STATE		Well No. 1-E
Unit Letter I	Section 36	Township 31 N	Range 11 W	County San Juan	
Actual Footage Location of Well: 1690 feet from the South line and 935 feet from the East line					
Ground Level Elev. 6061	Producing Formation M.V.	Pool Adanco	Dedicated Acreage 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as a 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.

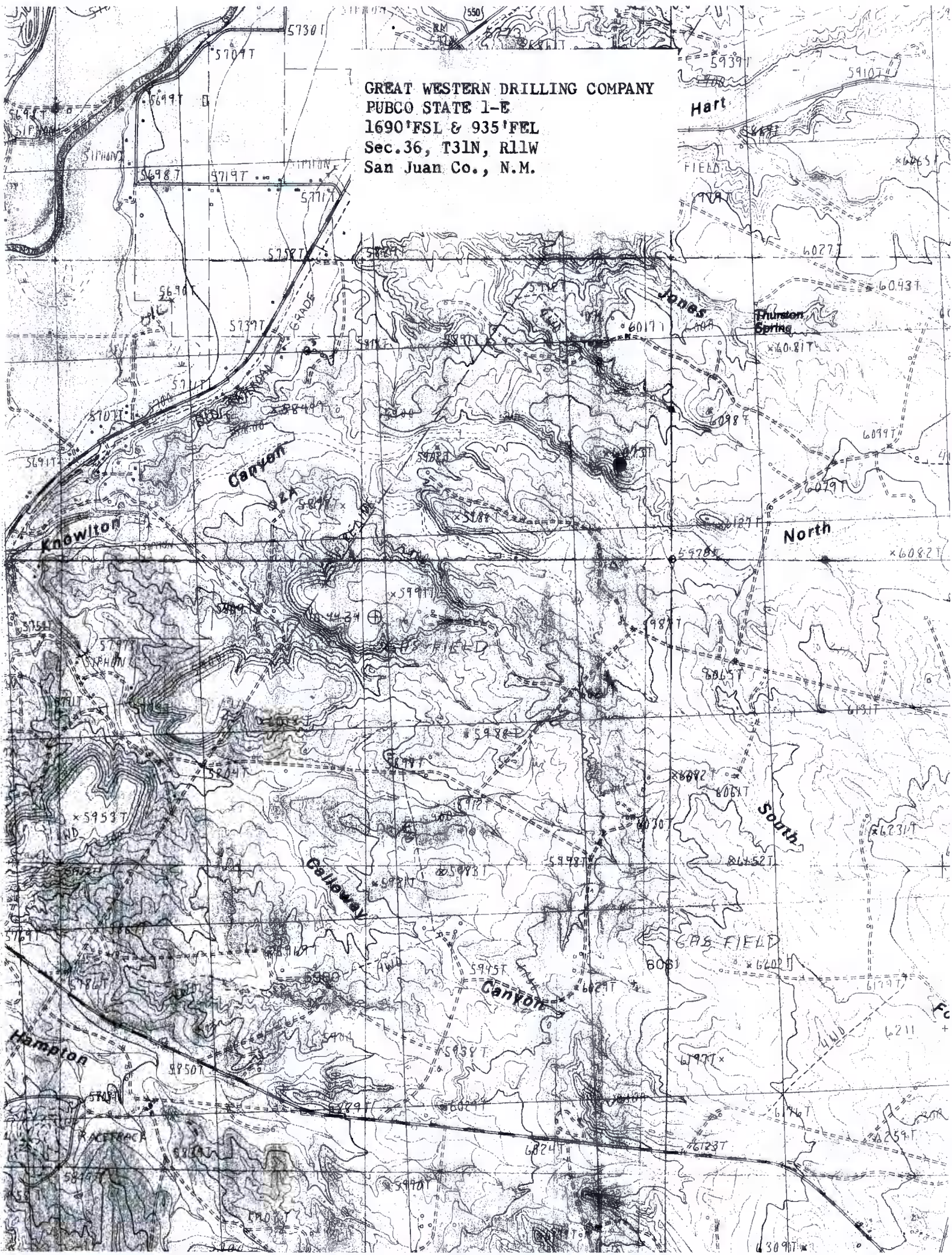
Name **D. E. Baxton**
Position **Dist. Supervisor**
Company **Great Western Drilling Co.**
Date **3-23-89**

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 **3-15-89**
Surveyor **WILLIAM E. HENRIKE II**
Registered Professional Engineer and Land Surveyor **48466**
Certificate No. **48466**

RECEIVED
MAR 21 1989

GREAT WESTERN DRILLING COMPANY
PUBCO STATE 1-E
1690' FSL & 935' FEL
Sec. 36, T31N, R11W
San Juan Co., N.M.



CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/21/02 06:58:34
OGOMES -TPGZ
PAGE NO: 1

Sec : 36 Twp : 31N Rng : 11W Section Type : NORMAL

D 40.00 CS B10405 0092 EL PASO PRODUCTIO C 06/24/53	C 40.00 CS E05386 0006 MESA OPER./BURLIN C 07/10/61 A	B 40.00 CS E05386 0006 MESA OPER./BURLIN C 07/10/61	A 40.00 CS E05386 0006 MESA OPER./BURLIN C 07/10/61 A
E 40.00 CS L03054 0004 WESTERN INTERIOR C 06/17/79	F 40.00 CS E05386 0006 MESA OPER./BURLIN C 07/10/61	G 40.00 CS E03150 0011 EL PASO PRODUCTIO C 12/10/59	H 40.00 CS L03054 0004 WESTERN INTERIOR C 06/17/79

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/21/02 06:58:39
OGOMES -TPGZ
PAGE NO: 2

Sec : 36 Twp : 31N Rng : 11W Section Type : NORMAL

L 40.00 CS E05386 0005 GREAT WESTERN DRI C 07/10/61 A A	K 40.00 CS E05386 0005 GREAT WESTERN DRI C 07/10/61	J 40.00 CS E05386 0005 GREAT WESTERN DRI C 07/10/61 A	I 40.00 CS E05386 0005 GREAT WESTERN DRI C 07/10/61 A
M 40.00 CS B11370 0038 GREAT WESTERN DRI C 08/03/54	N 40.00 CS B11370 0039 GREAT WESTERN DRI C 08/03/54 A	O 40.00 CS E03150 0011 EL PASO PRODUCTIO C 12/10/59 A	P 40.00 CS B11370 0037 GREAT WESTERN DRI C 08/03/54

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

CMD : ONGARD 11/21/02 06:58:51
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPGZ

API Well No : 30 45 27248 Eff Date : 04-25-1994 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 9338 GREAT WESTERN DRILLING CO
Prop Idn : 4793 PUBCO STATE COM

Well No : 001A
GL Elevation: 6061

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn	: I	36	31N	11W	FTG 1690 F S	FTG 935 F E	P

Lot Identifier:
Dedicated Acre: 320.00
Lease Type : S
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 11/21/02 06:58:57
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPGZ
Page No : 1

API Well No : 30 45 27248 Eff Date : 01-01-1900
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
Prop Idn : 4793 PUBCO STATE COM Well No : 001A
Spacing Unit : 44167 OCD Order : Simultaneous Dedication:
Sect/Twp/Rng : 36 31N 11W Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	I		36	31N	11W	40.00	N	ST		
	J		36	31N	11W	40.00	N	ST		
	K		36	31N	11W	40.00	N	ST		
	L		36	31N	11W	40.00	N	ST		
	M		36	31N	11W	40.00	N	ST		
	N		36	31N	11W	40.00	N	ST		
	O		36	31N	11W	40.00	N	ST		
	P		36	31N	11W	40.00	N	ST		

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 11/21/02 06:59:10
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
Page No: 1

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod.	Days	Production Volumes	Well
		MM/YY	Prod	Gas Oil Water	Stat
30 45 27248	PUBCO STATE COM	01 93	31	4728 9	F
30 45 27248	PUBCO STATE COM	02 93	24	4657 10	F
30 45 27248	PUBCO STATE COM	03 93	31	5721 6	F
30 45 27248	PUBCO STATE COM	04 93	30	4310	F
30 45 27248	PUBCO STATE COM	05 93	31	5560 44 106	F
30 45 27248	PUBCO STATE COM	06 93	30	5182 57	F
30 45 27248	PUBCO STATE COM	07 93	31	4668 13	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 11/21/02 06:59:13
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
Page No: 2

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	08 93 31	3840 7 49	F
30 45 27248	PUBCO STATE COM	09 93 30	6554 17 90	F
30 45 27248	PUBCO STATE COM	10 93 31	5082 11 120	F
30 45 27248	PUBCO STATE COM	11 93 30	2432 50	F
30 45 27248	PUBCO STATE COM	12 93 31	3881 2	F
30 45 27248	PUBCO STATE COM	01 94 31	4187 17	F
30 45 27248	PUBCO STATE COM	02 94 28	4848 13 8	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 11/21/02 06:59:17
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 5

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	05 95 29	5862	F
30 45 27248	PUBCO STATE COM	06 95 25	4465	F
30 45 27248	PUBCO STATE COM	07 95 31	4534 5 44	F
30 45 27248	PUBCO STATE COM	08 95 31	4584 12	F
30 45 27248	PUBCO STATE COM	09 95 29	5785 13	F
30 45 27248	PUBCO STATE COM	10 95 20	4509 9	F
30 45 27248	PUBCO STATE COM	11 95 26	4044	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 11/21/02 06:59:18
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 6

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Gas	Volumes Oil	Water	Well Stat
30 45 27248	PUBCO STATE COM	12 95	31	3895			F
30 45 27248	PUBCO STATE COM	01 96	28	3312		58	F
30 45 27248	PUBCO STATE COM	02 96	23	4601		43	F
30 45 27248	PUBCO STATE COM	03 96	28	4232		48	F
30 45 27248	PUBCO STATE COM	04 96	27	4050		48	F
30 45 27248	PUBCO STATE COM	05 96	25	3969		40	F
30 45 27248	PUBCO STATE COM	06 96	24	3694	8	80	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 11/21/02 06:59:19
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 7

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	07 96 24	3675 12 62	F
30 45 27248	PUBCO STATE COM	08 96 28	4407 11 73	F
30 45 27248	PUBCO STATE COM	09 96 22	3416 7 78	F
30 45 27248	PUBCO STATE COM	10 96 30	4681 18 66	F
30 45 27248	PUBCO STATE COM	11 96 28	4192 10	F
30 45 27248	PUBCO STATE COM	12 96 21	3223 13	F
30 45 27248	PUBCO STATE COM	01 97 29	3876 15	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 11/21/02 06:59:20
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 8

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	02 97 22	3539	F
30 45 27248	PUBCO STATE COM	03 97 28	3753 15	F
30 45 27248	PUBCO STATE COM	04 97 28	3821	F
30 45 27248	PUBCO STATE COM	05 97 29	3554	F
30 45 27248	PUBCO STATE COM	06 97 28	3792	F
30 45 27248	PUBCO STATE COM	07 97 23	3496	F
30 45 27248	PUBCO STATE COM	08 97 30	4958 80	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 11/21/02 06:59:21
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 9

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	09 97 29	4623	14 F
30 45 27248	PUBCO STATE COM	10 97 31	4437	F
30 45 27248	PUBCO STATE COM	11 97 27	3599	F
30 45 27248	PUBCO STATE COM	12 97 31	3464	60 F
30 45 27248	PUBCO STATE COM	01 98 25	3313	F
30 45 27248	PUBCO STATE COM	02 98 23	3539	80 F
30 45 27248	PUBCO STATE COM	03 98 24	3541	67 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 11/21/02 06:59:22
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 10

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 45 27248	PUBCO STATE COM	04 98	26	3209		77	F
30 45 27248	PUBCO STATE COM	05 98	28	3626			F
30 45 27248	PUBCO STATE COM	06 98	25	4599		58	F
30 45 27248	PUBCO STATE COM	07 98	20	3397		80	F
30 45 27248	PUBCO STATE COM	08 98	31	4434		80	F
30 45 27248	PUBCO STATE COM	09 98	30	4225			F
30 45 27248	PUBCO STATE COM	10 98	31	3184		80	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 11/21/02 06:59:23
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 11

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	11 98 25	3868	F
30 45 27248	PUBCO STATE COM	12 98 31	3529	F
30 45 27248	PUBCO STATE COM	01 99 31	3421	80 F
30 45 27248	PUBCO STATE COM	02 99 28	2893	F
30 45 27248	PUBCO STATE COM	03 99 31	2957	80 F
30 45 27248	PUBCO STATE COM	04 99 30	2933	80 F
30 45 27248	PUBCO STATE COM	05 99 31		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 11/21/02 06:59:24
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 12

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	06 99 30	3133	80 F
30 45 27248	PUBCO STATE COM	07 99 31	2082	80 F
30 45 27248	PUBCO STATE COM	08 99 31	799	F
30 45 27248	PUBCO STATE COM	09 99 30	1933	F
30 45 27248	PUBCO STATE COM	10 99 31	1817	F
30 45 27248	PUBCO STATE COM	11 99 30	2298	F
30 45 27248	PUBCO STATE COM	12 99 31	1994	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 11/21/02 07:11:50
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 13

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	01 00 31	2471	F
30 45 27248	PUBCO STATE COM	02 00 29	1849	82 F
30 45 27248	PUBCO STATE COM	03 00 31	1930	F
30 45 27248	PUBCO STATE COM	04 00 30	1975	82 F
30 45 27248	PUBCO STATE COM	05 00 31	1402	F
30 45 27248	PUBCO STATE COM	06 00 30	954	79 F
30 45 27248	PUBCO STATE COM	07 00 31	747	79 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 11/21/02 07:11:55
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 14

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	08 00 31	1024	F
30 45 27248	PUBCO STATE COM	09 00 30	1189	160 F
30 45 27248	PUBCO STATE COM	10 00 31	2474	80 F
30 45 27248	PUBCO STATE COM	11 00 30	3753	80 F
30 45 27248	PUBCO STATE COM	12 00 31	2612	80 F
30 45 27248	PUBCO STATE COM	01 01 31	1274	30 F
30 45 27248	PUBCO STATE COM	02 01 28	1348	28 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 11/21/02 07:11:56
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 15

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	03 01 31	1864	80 F
30 45 27248	PUBCO STATE COM	04 01 30	1250	F
30 45 27248	PUBCO STATE COM	05 01 31	1126	F
30 45 27248	PUBCO STATE COM	06 01 30	990	F
30 45 27248	PUBCO STATE COM	07 01 31	1029	F
30 45 27248	PUBCO STATE COM	08 01 31	887	F
30 45 27248	PUBCO STATE COM	09 01 30	809	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 11/21/02 07:11:57
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 16

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	10 01 31	608	F
30 45 27248	PUBCO STATE COM	11 01 30	799	F
30 45 27248	PUBCO STATE COM	12 01 31	933	F
30 45 27248	PUBCO STATE COM	01 02 31	811	F
30 45 27248	PUBCO STATE COM	02 02 28	382	F
30 45 27248	PUBCO STATE COM	03 02 31	520	F
30 45 27248	PUBCO STATE COM	04 02 30	562	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 11/21/02 07:11:59
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPGZ
 Page No: 17

OGRID Identifier : 9338 GREAT WESTERN DRILLING CO
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 27248 Report Period - From : 01 1993 To : 10 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 27248	PUBCO STATE COM	05 02 31	602	F
30 45 27248	PUBCO STATE COM	06 02 30	581	F
30 45 27248	PUBCO STATE COM	07 02 31	607	F
30 45 27248	PUBCO STATE COM	08 02 31	600	F

Reporting Period Total (Gas, Oil) : 367536 402 3106

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

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ABBREVIATIONS IN METHOD OF PRODUCTION

F FLOWING G GAS LIFT P PUMPING

ABBREVIATIONS IN STATUS

X	PERMANENTLY ABANDONED	I	INPUT
T	TEMPORARILY ABANDONED	U	UNREPORTED
S	SHUT - IN		

ALL GAS IN M. C. F.

WELL S T R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1990	PROD MP	ACCUM
2G2125N 3M GAS	191	146	73	147	139	122	116	127	125	139	129	110	1566	16103	
COMPANY TOTAL	2978	2748	1828	2528	1938	1978	1998	2201	2021	2484	2285	1828	26824	308826	
FINA OIL & CHEMICAL															
TANK 1P2932N 9M GAS	3069	2659	2861	2704	2660	3233	2961	2737	2564	2257	2828	2625	33158	437103	
DAVIS GALLAWAY															
2A 926N 2M GAS				983	2327	1247	1306	1131	700	946	626	544	9810	208094	
301026N 2M GAS				983	2327	1247	1306	1131	700	946	626	544	9810	208094	
LEASE TOTAL				983	2327	1247	1306	1131	700	946	626	544	9810	208094	
TRIX				173	388	248	358	168	106	125	22	1588	38289		
1B 526N 2M GAS				173	388	248	358	168	106	125	22	1588	38289		
COMPANY TOTAL				1136	2715	1495	1664	1299	806	1071	30	566	11398	254328	
THE TRUST OF EDWARD GERBEREIRIS GERBER															
1N3230N 7M GAS	1481	1576	5769	511	1547	2265	8985	1426	1825	1044	2303	1382	30114	1860717	
GRAHAM ROYALTY LTD															
7E 425N 3M GAS	217	179	212	161	176	212	224	149	155	162	153	174	2174	396083	
A 7H 425N 3M GAS	5733	4698	5593	4783	5520	5093	5260	4288	4904	4256	4903	5641	60674	863228	
8M 525N 3M GAS	1757	1338	1670	1738	1677	1710	1423	1492	1533	1006	1574	1002	17850	2677229	
A 8E 525N 3M GAS	4907	5485	5010	4653	5966	8117	6635	5193	8467	3908	10131	5258	73730	3113393	
9P 525N 3M GAS															
LEASE TOTAL															
RUDDOCK															
7E 325N 3M GAS	4481	4365	5640	5025	4699	4514	3865	4983	4952	3848	4960	4508	55840	756105	
A 7H 325N 3M GAS															
LEASE TOTAL															
COMPANY TOTAL															
GREAT LAKES CHEMICAL CORP.															
1P 427N 8M GAS	12215	8287	108			4154	5619	4714	4167	5493	5813	6326	56896	3775047	
3J 327N 8M GAS						1515	2529	2910	3133	2667	592	3098	16444	595078	
LEASE TOTAL															
HAMMOND															
3F3527N 8M GAS	3603	614		4973	36				4493	2465	2590	1997	20771	5212204	
5502627N 8M GAS	1412	3527	2631	971	875	1049	326	1585	1520	967	207		15070	697802	
A 5512627N 8M GAS	3585	3816	1828	3149	1629	2233		1778	1939	1855	3245	25057	681769	881769	
LEASE TOTAL															
COMPANY TOTAL															
GREAT WESTERN DRILLING COMPANY															
1K 732N11M GAS						2271	6183	3119	3121	3498	3529	4527	26248	1722446	
A 1P 732N11M GAS						5173	15148	15268	9042	12928	9377	13180	80116	1383632	
A 2N1232N12M GAS															
3M1732N11M GAS						2881	6146	4806	3978	5884	937	13367	42358	941503	
A 3L 832N11M GAS						62	8390	17887	15566	12203	11135	9183	10014	84440	
LEASE TOTAL						62	18715	45364	38759	28344	49429	41227	45359	267255	
PUBCO STATE COMPANY															
1L3431N11M GAS										1138	1270	673	3081	477742	
A 1L3431N11M GAS										11675	10230	10284	78301	78301	
LEASE TOTAL										10391	22871	12850	81382	556043	
COMPANY TOTAL										10391	22871	12850	81382	556043	
MALLARD PETROLEUM COMPANY															
1P 731N11M GAS	2713	1814	2656	3026	2352	2300	1021	2384	2555	2833	2482	1204	27382	2342969	
A 2A2232N11M GAS	3700	2929	3856	3300	3088	3586	1456	3371	2107	3728	3080	3205	36906	2430456	
2P2232N11M GAS	9214	5283	1336	16923	5275	9751	3812	10555	5543	10904	8296	9032	96367	1282483	
3G1332N12M GAS	3775	3413	3823	3783	3190	3103	2756	3185	2879	3626	2976	3344	39854	1797593	
A 3E1332N12M GAS	4017	4377	3209	4835	3753	2267	1173	4872	3800	4017	3569	5907	45796	1021223	
A 4M2732N12M GAS	3671	2334	2691	3332	2591	2642	1053	2199	2792	2768	2981	2439	31497	2178624	
402732N12M GAS	4777	2223	3916	4768	2333	3396	1305	2779	4579	4077	3821	2208	40174	596874	
LEASE TOTAL															
STATE BANKS															
102232N 3M GAS															
STONEY															
1L3432N11M GAS	1267	1390	1984	1471	1381	541	1231	1422	1146	1731	963	14467	4283336	2974	
A 1P3432N11M GAS	4835	16585	6416	8761	5011	3673	1018	77	3545	3538	6234	61693	2255732	345	
LEASE TOTAL															
COMPANY TOTAL															

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ABBREVIATIONS IN METHOD OF PRODUCTION

F FLOWING G GAS LIFT P PUMPING

ABBREVIATIONS IN STATUS

X PERMANENTLY ABANDONED I INPUT
T TEMPORARILY ABANDONED U UNREPORTED
S SHUT-IN

ALL GAS IN M. C. F.

WELL	S	T	R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1991	PROD	PP	ACCUM

GRAHAM ROYALTY LTD																			
FLORANCE																			
7E 425N 3W	GAS			216	186	614	59	36	59	70	47	51	117	147	79	1681	397764		
	OIL																		
	WAT																		
A 7M 425N 3W	GAS	2	28			31	10	31		17	21	14		26	24	204	817		
	OIL	4254	4108	3746	3491	4501	2482	1314	3	3884	4002	3687	3593	38862	904219				
	WAT	15	10	14	11	12	7	11	3	20				10					
8M 525N 3W	GAS	31	28			27		7		11		20		26	24	236	332		
	OIL	1279	1317	1977	1496	1521	1447	1012	2	1461	1017	1665	1369	1290	16851	284580			
	WAT	31	28			27		7		11		20		26	24	236	332		
A 8E 525N 3W	GAS	31	28			27		7		11		20		26	24	236	332		
	OIL	6185	3789	4497	3710	3873	2816	2303	1817	2118	4754	4034	4386	44282	352504				
	WAT	32	12	15	43	55	45	33	32	48	84	64	59	587	4824				
9P 525N 3W	GAS	60	160			40	320	160	160	160	5			160	1388	1707			
A 9N 525N 3W	GAS																		
	OIL																		
	WAT	47	60	76	62	76	60	38	32	51				79	3				
LEASE T3TAL	GAS	11934	9400	10836	8756	9931	6804	4699	3325	7067	10746	9424	9424	10236	19519				
	OIL	124	239	253	104	413	173	206	201	53				86	232	2086	2653		
	WAT																		
RUDDOCK																			
7E 325N 3W	GAS	3528	3775	3610	3809	4298	3036	2009		4071	4664	4194	3387	40381	800976				
	OIL	19	13	12	13	15	8	7											
	WAT	217	196	217	189	217	56	77		126	3	182	168	1645	16326				
A 7M 325N 3W	GAS																		
	OIL																		
	WAT																		
LEASE T3TAL	GAS	3528	3775	3610	3809	4298	3036	2009		4071	4664	4194	3387	40381	800976				
	OIL	18	13	12	13	15	8	7											
	WAT	217	196	217	189	217	56	77		126	3	182	168	1645	16326				
COMPANY TOTAL	OIL	65	73	68	75	88	68	42	32	51	87	86	75	830	10382				
	GAS	15462	13175	14444	12565	14229	9840	6708	3325	11138	15410	13618	12803	142717	276924				
	WAT	341	435	470	293	630	231	283	201	179					4624				
GREAT LAKES CHEMICAL CORP.																			
GRAHAM																			
1A 427N 8W	GAS	4500	1472		3515	3727	2070	3198	1224				11			19729	3794776		
	OIL		217		4988	5276	4057	800	2293				3706	1634	1032	27367	820191		
A 1P 427N 8W	GAS																		
	OIL																		
	WAT																		
3J 327N 8W	GAS	3034	1635		468					305	2923	465	3637			12467	608143		
	OIL																		
	WAT																		
LEASE T3TAL	GAS	7534	3324		8971	9003	6127	3998	3822	6267	4182	5303	1032	59563	5223112				
	OIL																		
	WAT																		
HAMMOND	GAS	3539	1750								4168	445		3112	303	13317	534537		
	OIL																		
	WAT																		
59B2627N 8W	GAS		2376		3211	33								202	202	4900	703534		
	OIL													132	132	5752	703534		
A 59I2627N 8W	GAS	218	2722		2846	1153	847	528	2176	1238	1878	700	14306	6960755	14306	6960755			
	OIL													224	224	5304	6960755		
	WAT													426	426	11411	6960755		
LEASE TOTAL	GAS	3757	6848		6057	1186	847	528	2176	5406	2323	3944	303	33375	1934166				
	OIL																		
	WAT																		
COMPANY TOTAL	OIL	65	73	68	75	88	68	42	32	51	87	86	75	830	10382				
	GAS	15462	13175	14444	12565	14229	9840	6708	3325	11138	15410	13618	12803	142717	276924				
	WAT	341	435	470	293	630	231	283	201	179					4624				
GREAT WESTERN DRILLING COMPANY																			
J E DECKER																			
1K 732N11W	GAS	4992	2411	3706	933		3703	2539	3282	2860		583			4839	29848	1752294		
	OIL																		
	WAT																		
A 1P 732N11W	GAS		2432	12189	11003	8383	7584	8509	6103	6361	6907	7336	6687	83494	146718				
	OIL																		
	WAT																		
2N1232N12W	GAS	254					357	1233	953	926		910	651	535	5819	947322			
A 211232N12W	GAS	4218	7309	4021	6437	11980	6089	2744	7378	8798	9689	6033	10149	80843	1079036				
	OIL																		
	WAT																		
3M1732N11W	GAS	5613	2151	1607	4438	4198	1130	3826	3740	3308	3184	2083	373	35651	2670610				
	OIL																		
	WAT																		
A 3L 832N11W	GAS	8407	6313	5101	10708	8584	8174	8972	7076	6946	6132	3576		799895					
	OIL																		
	WAT																		
LEASE T3TAL	GAS	23484	20616	26624	33519	33145	27037	27823	28532	29199	23405	19679	22583	31566	94196				
	OIL																		
	WAT																		
PUBCO STATE COM	GAS																		
A 1L3631N11W	GAS	937	532	744	455	687	766	750	735	712	686	693	6274	70344	3370	485112			
	OIL																		
	WAT																		
A 1L3631N11W	GAS	8036	5713	6609	7185	7940	4419	750	4903	6870	5726	5919	6274	70344	3370	485112			
	OIL																		
	WAT																		
LEASE T3TAL	GAS	8973	6245	7353	7640	8627	5185	750	5638	7582	6412	6612	6697	77714	63357				
	OIL																		
	WAT																		
COMPANY TOTAL	OIL	15	66		29	166	97	34	126	118	45	27	28	751	8764				
	GAS	32457	26861	33977	41159	41772	32222	28573	34170	36781	29817	26291	29280	393360	100534				
	WAT																		
HALLWOOD PETROLEUM INC.																			
FEDERAL																			
2G1031N 7W	GAS	2445	1708		4025	2885	2479	2559	2504	2492	2531	2480	2417	28525	602638				
	OIL																		
	WAT																		
A 2P 331N 7W	GAS	1998	836		2350	1090	1500	1281	1512	1252	1753	1920	1864	17356	381444				
	OIL																		
	WAT																		
LEASE T3TAL	GAS	4443	2544		6375	3975	3979	3840	4016	3744	4284	4400	4281	45881	984083				
	OIL																		
	WAT																		
FEDERAL 1	GAS	2257	2915	1716	2813	1996	1901	1359	1318	2979	2180	2698	5963	30095	1305972				
	OIL																		
	WAT																		
A 1K 131N13W	GAS	357	373	888	1199	995	988	160	1248	1732	1247	875	1112	11174	801566				

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ABBREVIATIONS IN METHOD OF PRODUCTION

F FLOWING G GAS LIFT P PUMPING

ABBREVIATIONS IN STATUS

X PERMANENTLY ABANDONED I INPUT
T TEMPORARILY ABANDONED U UNREPORTED
S SHUT-IN

ALL GAS IN M. C. F.

WELL S T R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1992	PROB-PP	AC-UM	
A	7M 425N 3W	GAS 3923	2517	3215	3624	3127	3156	3848	3831	3377	2509	3232	1864	37823	941313		
		OIL 8	10	14	11	7	6	9	15	12			15	292	2309		
		WAT 31	21	31	30	24	31	31	31	26	16		261	29942	571		
	8M 525N 3W	GAS 360	1569	433	1582	1348	1337	1452	1486	1539	1499	1134	1093	14322	29942		
		OIL 8	24	7	25	24	24	31	31	25	31		31	237	571		
		WAT 45	36	61	52	40	44	44	37	52	48		51	48107	4005		
A	8E 525N 3W	GAS 3980	3469	3257	4485	3982	3692	3733	5179	339	4109	3437	5481	48107	4005		
		OIL 80	7	6	160	160	14	240	240	240	14		240	1410	3117		
		WAT 45	36	61	52	40	44	44	37	52	48		51	48107	4005		
A	9N 525N 3W	GAS 3980	3469	3257	4485	3982	3692	3733	5179	339	4109	3437	5481	48107	4005		
		OIL 80	7	6	160	160	14	240	240	240	14		240	1410	3117		
		WAT 45	36	61	52	40	44	44	37	52	48		51	48107	4005		
A	9N 525N 3W	GAS 3980	3469	3257	4485	3982	3692	3733	5179	339	4109	3437	5481	48107	4005		
		OIL 80	7	6	160	160	14	240	240	240	14		240	1410	3117		
		WAT 45	36	61	52	40	44	44	37	52	48		51	48107	4005		
	LEASE TOTAL	OIL 53	46	75	63	47	51	53	53	49	52	48	51	641	8754		
		GAS 7906	7687	7003	9812	8601	8308	9146	10619	8437	8257	7902	8558	102236	2054178		
		WAT 127	77	65	245	232	20	333	333	315	87	14	317	2165	4818		
	RUDDOCK	GAS 3005	3597	2998	3095	3361	3468	3420	2887	2987	2052	2034	1367	34271	835254		
		OIL 10	10	5	12	3	2	2	8	8	8	8	8	58	2352		
		WAT 217	147	161	210	168	14	14	217	161	98	56	105	1554	3525		
A	7M 325N 3W	GAS 3005	3597	2998	3095	3361	3468	3420	2887	2987	2052	2034	1367	34271	835254		
		OIL 10	10	5	12	3	2	2	8	8	8	8	8	58	2352		
		WAT 217	147	161	210	168	14	14	217	161	98	56	105	1554	3525		
	LEASE TOTAL	OIL 10	10	5	12	3	2	2	8	8	8	8	8	58	2352		
		GAS 3005	3597	2998	3095	3361	3468	3420	2887	2987	2052	2034	1367	34271	835254		
		WAT 217	147	161	210	168	14	14	217	161	98	56	105	1554	3525		
	COMPANY TOTAL	OIL 63	56	80	75	50	53	53	53	57	52	56	51	699	11331		
		GAS 10911	11284	10001	12907	11962	11776	12566	13506	11424	10309	9936	992	13607	2905273		
		WAT 344	224	226	455	400	34	333	550	476	185	70	422	3719	8343		
GREAT LAKES CHEMICAL CORP.																	
	GRAHAM	GAS 1427N 8W	4844	5583	2545	6984	4922	7263	7942	4286	6712	4645	277	60013	3854789		
		OIL 5	1784	1640	3179	3413	3636	291	242	3178	3168	2586	331	23453	843544		
		WAT 31	298	1810	2158	2498	2342	2208	2150	2097	2238	1210		19009	625544		
	3J 327N 8W	GAS 3005	3597	2998	3095	3361	3468	3420	2887	2987	2052	2034	1367	34271	835254		
		OIL 10	10	5	12	3	2	2	8	8	8	8	8	58	2352		
		WAT 217	147	161	210	168	14	14	217	161	98	56	105	1554	3525		
	LEASE TOTAL	OIL 5	6926	9033	7882	12995	12900	9762	10344	11561	12118	8441	608	102475	5325587		
		GAS 553527N 8W	2059	5284	164	3521	2394	2202	2090	2830	14		20558	555295	4700		
		OIL 754	3515	3346	2133	1451	1626	9	771	1046	220	2674	106	17651	721205		
		WAT 1408	3326	210	3317	749	1349		1738	3076	1183	3078	2039	21473	717534		
A	5512627N 8W	GAS 1408	3326	210	3317	749	1349		1738	3076	1183	3078	2039	21473	717534		
		OIL 31	298	1810	2158	2498	2342	2208	2150	2097	2238	1210		19009	625544		
		WAT 217	147	161	210	168	14	14	217	161	98	56	105	1554	3525		
	LEASE TOTAL	OIL 2162	8900	8840	5614	5721	5369	2211	4599	6952	1417	5752	2145	59682	1993848		
		GAS 2167	15826	17873	13496	18616	18269	11973	14943	18513	13535	14193	2753	162157	7319435		
		WAT 2167	15826	17873	13496	18616	18269	11973	14943	18513	13535	14193	2753	162157	7319435		
	COMPANY TOTAL	OIL 2167	15826	17873	13496	18616	18269	11973	14943	18513	13535	14193	2753	162157	7319435		
		GAS 2167	15826	17873	13496	18616	18269	11973	14943	18513	13535	14193	2753	162157	7319435		
		WAT 2167	15826	17873	13496	18616	18269	11973	14943	18513	13535	14193	2753	162157	7319435		
GREAT WESTERN DRILLING COMPANY																	
	J E DECKER	GAS 1K 732N11W	3685	29	393	3728	2619	2825	3657	2542	3194	3316	3585	3676	33249	1785543	
		OIL 8823	4659	2	3199	5592	5228	5379	8957	9071	9568	11177	11662	6726	90041	1557273	
		WAT 45	36	61	52	40	44	44	37	52	48		51	48107	4005		
A	1P 732N11W	GAS 8823	4659	2	3199	5592	5228	5379	8957	9071	9568	11177	11662	6726	90041	1557273	
		OIL 45	36	61	52	40	44	44	37	52	48		51	48107	4005		
		WAT 31	298	1810	2158	2498	2342	2208	2150	2097	2238	1210		19009	625544		
	2M1232N12W	GAS 474	189	407	375	100	102	106	15	10	593	342		2783	950105		
		OIL 7872	5769	5839	5430	6797	5760	9387	8047	8488	9904	13030	419	89822	118573		
A	211232N12W	GAS 474	189	407	375	100	102	106	15	10	593	342		2783	950105		
		OIL 7872	5769	5839	5430	6797	5760	9387	8047	8488	9904	13030	419	89822	118573		
		WAT 31	298	1810	2158	2498	2342	2208	2150	2097	2238	1210		19009	625544		
	3M1732N11W	GAS 2149	4372	2925	2384	2278	4271	4822	4920	3399	6383	6194	4043	48140	2718750		
		OIL 4603	1347	12561	7078	7450	7012	7266	8483	8347	11438	14419	8066	98070	160134		
A	3L 832N11W	GAS 4603	1347	12561	7078	7450	7012	7266	8483	8347	11438	14419	8066	98070	160134		
		OIL 60	30	46	26	96	57	91	72	70	115	139	64	865	873		
		WAT 27606	16365	25324	24587	24472	25349	34195	33078	33006	42218	49533	26372	362105	978180		
	LEASE TOTAL	OIL 60	30	46	26	96	57	91	72	70	115	139	64	865	873		
		GAS 27606	16365	25324	24587	24472	25349	34195	33078	33006	42218	49533	26372	362105	978180		
		WAT 60	30	46	26	96	57	91	72	70	115	139	64	865	873		
	PUBCO STATE CO	GAS 367	470	968	655	716	510	641	622	596	578	470	364	7133	492245		
A	113631N11W	GAS 4454	2759	4616	5537	6786	5931	6131	5980	6220	6491	6528	5798	67223	215160		
		OIL 367	470	968	655	716	510	641	622	596	578	470	364	7133	492245		
		WAT 4621	3229	5564	6192	7492	6641	6772	6602	6814	7069	6998	6162	74356	708113		
	LEASE TOTAL	OIL 62	30	46	26	106	95	103	87	84	128	147	69	983	974		
		GAS 32427	19594	30888	30779	31964	31990	40967	39680	39820	49287	56531	32534	436461	1048991		
		WAT 60	30	46	26	106	95	103	87	84	128	147	69	983	974		
	COMPANY TOTAL	OIL 62	30	46	26	106	95	103	87	84	128	147	69	983	974		
		GAS 32427	19594	30888	30779	31964	31990	40967	39680	39820	49287	56531	32534	436461	1048991		
		WAT 60	30	46	26	106	95	103	87	84	128	147	69	983	974		
HALLWOOD PETROLEUM INC.																	
	FEDERAL	GAS 2G1031N 7W	2148	1746	2752	2243	2222	2149	2293	2313	2205	2167	2241	2153	26632	62972	
		OIL 1766		2266	75					3652	2355	2037	1932	1832	15915	39735	
		WAT 3914	1746	5018	2318	2222	2149	2293	5965	4560	4204	4173	3985	42547	102663		
	LEASE TOTAL	OIL 3914	1746	5018	2318	2222	2149	2293	5965	4560	4204	4173	3985	42547	102663		
		GAS 3914	1746	5018	2318	2222	2149	2293	5965	4560	4204	4173	3985	42547	102663		
		WAT 3914	1746	5018	2318	2222	2149	2293	5965	4560	4204	4173	3985	42547	102663		
	FEDERAL 1	GAS 11131N13W	6578	9633	6312	11777	4982			1	9526	11344	9039	69192	1375164		
		OIL 2	182	62	61	18				47	34	23	23	410	259		
		WAT 14017	11185	8513	7724	4616				7525	9863	5684	69127	870509			
A	1K 131N13W	GAS 62	26	14	23	12											



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

November 21, 2002

Lori Wrotenbery
Director
Oil Conservation Division

Great Western Drilling Company
Attention: **Dennis L. Hendrix, Manager of Operations**
P. O. Box 1659
Midland, Texas 79702

Re: **Application for NGPA Well Category Determination: Pubco State Com. Well No. 1-A (API No. 30-045-27248), located 1690 feet from the South line and 935 feet from the East line (Unit I) of Section 36, Township 31 North, Range 11 West, NMPM, Blanco-Mesaverde Pool (pool code here), San Juan County, New Mexico.**

Dear Mr. Hendrix:

Reference is made to your NGPA well category determination application submitted to the New Mexico Oil Conservation Division ("Division") in Santa Fe on August 16, 2001, which also included the mandatory \$25.00 filing-fee.

According to the Division's records the above-described Pubco State Com. Well No. 1-A was completed in the Blanco-Mesaverde Pool in 1990 and has been producing only from this interval since then; therefore, your application appears to have been erroneously filed for "occluded natural gas from a coal seam," as provided in Part 270, Subpart C, Section 270.304 of the FERC regulations, instead of "natural gas from a designated tight formation," set forth in Part 270, Subpart C, Section 270.302 of the FERC regulations, with respect to the Designated Tight Formation Area New Mexico-48 ("NM-48"), which was finalized by the Federal Energy Regulatory Commission on September 13, 1993. NM-48 covers an area of 480,076 acres, more or less, in all or portions of Townships 27, 28, 29, 30, 31, and 32 North, Ranges 7, 8, 9, 10, and 11 West, NMPM, San Juan and Rio Arriba Counties New Mexico, and includes the Blanco-Mesaverde Pool (see attached documents). If this is the case, your application as submitted is incomplete and cannot be approved at this time.

If applicable, please provide me with an original and one copy of: (i) the Division's required Form C-132 (see copy attached); (ii) an amended FERC Form 121 with the necessary corrections; and (iii) an amended affidavit for tight formation gas. If I am in error please provide me with a written discussion addressing these issues. Please submit your reply by Wednesday, December 11, 2002. Thank you.

Sincerely,

Michael E. Stogner
Chief Hearing Officer/Engineer

MES/ms

cc: Kathy Valdes - NMOCD, Santa Fe
W. Perry Pearce, Burlington Resources Oil and Gas Company - Houston, Texas
Jim Gilcrease, Burlington Resources Oil and Gas Company - Houston, Texas
Lori Wrotenbery, Director - NMOCD, Santa Fe

[Code of Federal Regulations]

[Title 18, Volume 1]

[Revised as of April 1, 2001]

From the U.S. Government Printing Office via GPO Access

[CITE: 18CFR270.302]

[Page 675]

TITLE 18--CONSERVATION OF POWER AND WATER RESOURCES

CHAPTER I--FEDERAL ENERGY REGULATORY COMMISSION, DEPARTMENT OF ENERGY

PART 270--DETERMINATION PROCEDURES--Table of Contents

Subpart C--Requirements for Filings With Jurisdictional Agencies

Sec. 270.302 Occluded natural gas produced from coal seams.

A person seeking a determination that natural gas is occluded natural gas produced from coal seams must file an application with the jurisdictional agency which contains the following items:

- (a) FERC Form No. 121;
- (b) All well completion reports.
- (c) A radioactivity, electric or other log which will define the coal seams.
- (d) Evidence to establish that the natural gas was produced from a coal seam;
- (e) A statement by the applicant, under oath, that gas is produced from a coal seam through:
 - (1)(i) A well the surface drilling of which began after December 31, 1979, but before January 1, 1993;
 - (ii) A recompletion commenced after January 1, 1993, in a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
 - (iii) A recompletion that was commenced after December 31, 1979 but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well bore before January 1, 1980; and
- (2) The applicant has no knowledge of any information not described in the application which is inconsistent with his conclusion.

[Code of Federal Regulations]
[Title 18, Volume 1]
[Revised as of April 1, 2001]
From the U.S. Government Printing Office via GPO Access
[CITE: 18CFR270.304]

[Page 675-676]

TITLE 18--CONSERVATION OF POWER AND WATER RESOURCES

CHAPTER I--FEDERAL ENERGY REGULATORY COMMISSION, DEPARTMENT OF ENERGY

PART 270--DETERMINATION PROCEDURES--Table of Contents

Subpart C--Requirements for Filings With Jurisdictional Agencies

Sec. 270.304 Tight formation gas.

A person seeking a determination that natural gas is tight formation gas must file with the jurisdictional agency an application which contains the following items:

- (a) FERC Form No. 121;
- (b) All well completion reports;
- (c) A map that identifies the surface location of the well and the completion location in the well in the designated

[[Page 676]]

tight formation, along with the geographic boundaries of the designated tight formation, or a location plat identifying the surface location of the well and the completion location in the designated tight formation, along with a list of the tract (or tracts) of land that comprise the designated tight formation;

- (d) A complete copy of the well log, including the log heading identifying the designated tight formation stratigraphically; and

- (e) A statement by the applicant, under oath, that:

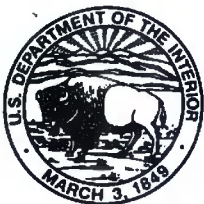
(1) The natural gas is being produced from a designated tight formation through:

- (i) A well the surface drilling of which began after December 31, 1979, but before January 1, 1993;

- (ii) A recompletion commenced after January 1, 1993, in a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or

- (iii) Through a recompletion that was commenced after December 31, 1979 but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well bore before January 1, 1980; and

- (2) The applicant has no knowledge of any information not described in the application which is inconsistent with his conclusion.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

New Mexico State Office

1474 Rodeo Rd.

P.O. Box 27115

Santa Fe, New Mexico 87502-0115

TAKE
PRIDE IN
AMERICA

IN REPLY REFER TO:

3160 (921)

NGPA Location: 435 Montano Road NE, Albuquerque, NM 87107-4935

CERTIFIED MAIL NO. P 071 878 823
RETURN RECEIPT REQUESTED

July 26, 1993

Marilyn L. Rand, Director
Division of Producer Regulation
Federal Energy Regulatory Commission
825 North Capitol Street NE
Washington, DC 20426

Dear Ms. Rand:

This jurisdictional agency hereby designates the Mesaverde formation underlying the following described lands in the Blanco Mesaverde Area of the Blanco Mesaverde Pool located in San Juan and Rio Arriba Counties, New Mexico, as a tight formation, BLM Docket No. NM-1813-92, under Section 107 of the NGPA:

Township 27 North, Range 7 West, NMPM

Sections 1 through 12: All
Section 15: W 1/2
Sections 16 through 21: All
Section 22: W 1/2
Section 27: NW 1/4
Section 28: N 1/2
Sections 29 and 30: All

Township 27 North, Range 8 West, NMPM

Sections 1 through 36: All

Township 28 North, Range 7 West, NMPM

Sections 7 through 36: All (Irregular Township)

Township 28 North, Range 8 West, NMPM

Sections 7 through 36: All (Irregular Township)

Township 28 North, Range 9 West, NMPM

Sections 7 through 36: All (Irregular Township)

Township 28 North, Range 10 West, NMPM

Sections 7 through 36: All (Irregular Township)

Township 29 North, Range 7 West, NMPM

Sections 1 through 36: All

Township 29 North, Range 8 West, NMPM

Sections 1 through 36: All

Township 29 North, Range 9 West, NMPM
Sections 1 through 36: All

Township 29 North, Range 10 West, NMPM
Sections 1 through 36: All

Township 29 North, Range 11 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 7 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 8 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 9 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 10 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 11 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 6 West, NMPM
Sections 6 and 7: All
Sections 18, 19 and 30: All

Township 31 North, Range 7 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 8 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 9 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 10 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 11 West, NMPM
Sections 1 through 36: All

Township 32 North, Range 10 West, NMPM
Sections 1 through 36: All

Township 32 North, Range 11 West, NMPM
Sections 1 through 36: All

The total area encompasses 480,076 acres, more or less, occupying 750 square miles of the north central San Juan Basin located in San Juan and Rio Arriba Counties, New Mexico. The designated area consists of 78.68% Federal, 0.33% Navajo Allotted, 12.08% State and 8.91% Fee Lands.

The applicant is Amoco Production Company, Southern Rockies Business Unit, P. O. Box 800, Denver, Colorado 80201. The application was prepared by Rose Exploration, Inc., 518 17th Street, Suite 740, Denver, Colorado 80202.

Existing Federal and State of New Mexico Regulations administered by the U.S. Bureau of Land Management and the New Mexico Oil Conservation Division relating to drilling, casing, and cementing of wells are in effect to help assure that development of the Mesaverde formation will not adversely affect or impair any fresh water aquifers.

The estimated average in-situ gas permeability, throughout the pay section, is expected to be 0.1 millidarcy or less.

The stabilized production rate, against atmospheric pressure, of wells completed for production in the Mesaverde formation, without stimulation, is not expected to exceed the maximum production rate contained in the FERC tight formation guidelines.

No well drilled into the designated tight formation is expected to produce, without stimulation, more than five barrels of crude oil per day.

The formation has been authorized to be developed by infill drilling. This incentive no longer applies as the purpose of this tight formation area designation is to obtain IRS Section 29 tax credits.

The applicant does not seek to qualify gas produced from the tight formation for the incentive price.

Evidence was presented by the applicant to the BLM and the New Mexico Oil Conservation Division. The exhibits and other documentation are enclosed. The BLM Tight Formation Review and Technical Report is enclosed.

Included with this designation is a letter dated July 26, 1993, from the Chief Hearing Officer/Engineer, New Mexico Oil Conservation Division signifying their concurrence with this designation.

It is requested that this jurisdictional agency be advised in writing when the 45 day review period will end and the appropriate FERC State No. (NM-__) assigned to this tight formation be included.

Persons objecting to this determination may file a protest directly with the Federal Energy Regulatory Commission, in accordance with 18 CFR Part 275.203 and 275.204, within 20 days after the notice is published in the Federal Register by the FERC.

If you have any questions please contact Allen F. Buckingham at (505) 761-8765 or FAX (505) 761-8911.

Sincerely yours,


for Deputy State Director
Lands and Minerals

Enclosures

cc:

Amoco Production Company (J. W. Hawkins) (w/BLM Tech Rept)

Rose Exploration, Inc. (Mike Wynne) (w/BLM Tech Rept)

New Mexico Oil Conservation Div. (Michael Stogner) (w/BLM Tech Rept)

NM-921 (Steve Salzman)

NM-011 (Tom Hewitt/NGPA Liaison)

on non-Federal residential buildings are also relevant to a building energy standard for Federal residences because the comments address issues of feasibility and cost-effectiveness. These and any future comments on the non-Federal residential standards will be given serious consideration for potential applicability to the Federal residential standard development required by the Energy Policy Act of 1992.

Issued in Washington, DC August 5, 1993.

Robert L. San Martin,

Acting Assistant Secretary, Energy Efficiency and Renewable Energy.

[FR Doc. 93-19409 Filed 8-11-93; 8:45 am]

BILLING CODE 6340-01-P

Federal Energy Regulatory Commission

[Docket No. JD93-13529T New Mexico-48]

United States Department of the Interior, Bureau of Land Management; NGPA Notice of Determination by Jurisdictional Agency Designating Tight Formation

August 6, 1993.

Take notice that on July 30, 1993, the United States Department of the Interior's Bureau of Land Management (BLM) submitted the above-referenced notice of determination pursuant to § 271.703(c)(3) of the Commission's regulations, that the Mesaverde Group underlying certain lands in the Blanco Mesaverde Area of the Blanco Mesaverde Pool in San Juan and Rio Arriba Counties, New Mexico, qualifies as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The area of application covers approximately 480,076 acres, more or less, and consists of 78.68% Federal, 0.33% Navajo Allotted, 12.08% State and 8.91% Fee Lands. The recommended area is described on the attached appendix.

The notice of determination also contains BLM's and the New Mexico Department of Energy, Minerals and Natural Resources' findings that the referenced portion of the Mesaverde Group meets the requirements of the Commission's regulations set forth in 18 CFR part 271.

The application for determination is available for inspection, except for material which is confidential under 18 CFR 275.206, at the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426. Persons objecting to the determination may file a protest, in accordance with 18 CFR 275.203 and

275.204, within 20 days after the date this notice is issued by the Commission. Limwood A. Watson, Jr., Acting Secretary.

Appendix

TOWNSHIP 27 NORTH, RANGE 7 WEST
Sections 1-12: All
Section 15: W/2
Sections 16-21: All
Section 22: W/2
Section 27: NW/4
Section 28: NW/2
Sections 29-30: All
TOWNSHIP 27 NORTH, RANGE 8 WEST
Sections 1-36: All
TOWNSHIP 28 NORTH, RANGE 7 WEST
TOWNSHIP 28 NORTH, RANGE 8 WEST
TOWNSHIP 28 NORTH, RANGE 9 WEST
TOWNSHIP 28 NORTH, RANGE 10 WEST
Sections 7-36: All (Irregular Township)
TOWNSHIP 29 NORTH, RANGE 7 WEST
TOWNSHIP 29 NORTH, RANGE 8 WEST
TOWNSHIP 29 NORTH, RANGE 9 WEST
TOWNSHIP 29 NORTH, RANGE 10 WEST
TOWNSHIP 29 NORTH, RANGE 11 WEST
TOWNSHIP 30 NORTH, RANGE 7 WEST
TOWNSHIP 30 NORTH, RANGE 8 WEST
TOWNSHIP 30 NORTH, RANGE 9 WEST
TOWNSHIP 30 NORTH, RANGE 10 WEST
TOWNSHIP 30 NORTH, RANGE 11 WEST
Sections 1-36: All
TOWNSHIP 31 NORTH, RANGE 6 WEST
Sections 6-7: All
Sections 18-19: All
Section 30: All
TOWNSHIP 31 NORTH, RANGE 7 WEST
TOWNSHIP 31 NORTH, RANGE 8 WEST
TOWNSHIP 31 NORTH, RANGE 9 WEST
TOWNSHIP 31 NORTH, RANGE 10 WEST
TOWNSHIP 31 NORTH, RANGE 11 WEST
Sections 1-36: All
TOWNSHIP 32 NORTH, RANGE 10 WEST
TOWNSHIP 32 NORTH, RANGE 11 WEST
Sections 7-36: All (Irregular Township)

[FR Doc. 93-19327 Filed 8-11-93; 8:45 am]

BILLING CODE 6717-01-M

NM-48
Final on 13 Sep 93
OK

480,076 acres
MV Group

NM-1813-92

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EXAMINER: _____

APPLICATION FOR DETERMINATION

A. THE NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL PRODUCING:

- A1 ☐ occluded natural gas from a coal seam.
A2 ☐ natural gas from Devonian shale.
A3 ☒ natural gas from a designated tight formation.

B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:

1. Well Name and No.: Martin Federal Com #1E
2. Completed in (Name of Reservoir): Mesa Verde
3. Field: Undesignated
4. County: San Juan
5. State: New Mexico
6. API Well No.: 30- 045-24324
7. Measured Depth of the Completion Interval (in feet)
TOP: 3,616 BASE: 4,486

C. APPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS RESPONSIBLE FOR APPLICATION:

1. Applicant's Name: Burlington Resources Oil & Gas Company
2. Street: 5051 Westheimer, Suite 1400
3. City: Houston
4. State: Texas
5. Zip Code: 77056-5604
6. Name of Person Responsible: David K. Miller (713) 624-9086
7. Title of Such Person: Manager, Royalty Compliance/Litigation
8. Signature David K. Miller
Date: December 12, 2001

APPLICATION FOR WELL CATEGORY DETERMINATION
PURSUANT TO SECTION 270 OF
THE FEDERAL ENERGY REGULATORY COMMISSION'S
REGULATIONS IMPLEMENTING
THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

AFFIDAVIT
TIGHT FORMATION GAS

STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State and County aforesaid, personally came and appeared David K. Miller, who being by me first duly sworn, deposed and said:

That he is the Manager, Royalty Compliance/Litigation for Burlington Resources Oil & Gas Company, the applicant for the well hereinafter described, and in that capacity, he is requesting the appropriate Authorized Officer to make a determination that this well is producing from a tight formation pursuant to the rules and regulations of the State of New Mexico and the Federal Energy Regulatory Commission (FERC), as such rules relate to the NGPA.

That production from the **Martin Federal Com. 1E, API No. 30-045-24324** is natural gas produced from a FERC designated tight formation, assigned State No. NM-48, through:

- X a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
 a recompletion commenced after January 1, 1993, in a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
 a recompletion commenced after December 31, 1979, but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well bore before January 1, 1980.

Said applicant has no knowledge of any information not described in the application that is inconsistent with his conclusion.


David K. Miller,
Manager, Royalty Compliance/Litigation

Subscribed in my presence and duly sworn to before me, this 12th day of December 2001


Notary Public

My Commission Expires:

NMOCD TF Affidavit



OIL CONSERVATION DIV.
07 AUG 16 PM 1:06
GREAT WESTERN DRILLING COMPANY
P.O. BOX 1659
MIDLAND, TEXAS 79702
915-682-5241

August 9, 2001

State of New Mexico
Oil Conservation Division
P.O. Box 2088
Sante Fe, NM 87504-2088

RE: Application for Well Category Determination
NGPA Section 107
Coal Seam Designation
Pubco State Com #1-A
API # 30-045-27248
San Juan County, NM

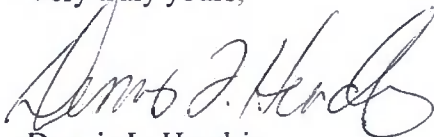
Gentlemen:

Great Western Drilling Company is enclosing, for review and approval by the New Mexico Oil Conservation Commission, the original and one copy of an Application for Well Category Determination for the referenced well. Please hold the information in this filing confidential to the maximum extent allowed by law.

A copy of this letter and the FERC Form 121 has been mailed to each working interest owner entitled to receive Notice of this Application.

Please indicate receipt of this filing by date stamping the attached copy of this letter and returning the copy for our records.

Very truly yours,



Dennis L. Hendrix
Manager of Operations

Enclosures

APPLICATION FOR WELL CATEGORY DETERMINATION
PURSUANT TO SECTION 270 OF
THE FEDERAL ENERGY REGULATORY COMMISSION'S
REGULATIONS IMPLEMENTING
THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

AFFIDAVIT
COAL SEAM NATURAL GAS

STATE OF TEXAS

COUNTY OF MIDLAND

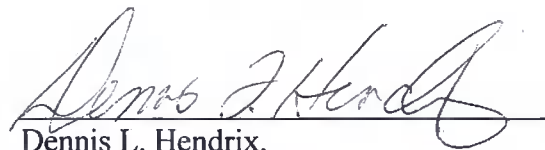
BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State and County aforesaid, personally came and appeared Dennis L. Hendrix, who being by me first duly sworn, deposed and said:

That he is the Manager of Operations for Great Western Drilling Company, the applicant for the well hereinafter described, and in that capacity, he is requesting the appropriate Authorized Officer to make a determination that this well is producing from a coal seam formation pursuant to the rules and regulations of the State of New Mexico and the Federal Energy Regulatory Commission (FERC), as such rules relate to the NGPA.

That production from the Pubco StateCom #1-A well, API No. 30-045-27248 is natural gas produced from a FERC approved coal seam formation, through:

- X a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
_____ a recompletion commenced after January 1, 1993, in a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
_____ a recompletion commenced after December 31, 1979, but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well bore before January 1, 1980.

And, that a copy of this filing has been mailed to each owner entitled to receive such a copy. Said applicant has no knowledge of any information not described in the application that is inconsistent with his conclusion.


Dennis L. Hendrix,
Manager of Operations

Subscribed in my presence and duly sworn to before me, this 13th day of August 2001.


Notary Public



My Commission Expires:

APPLICATION FOR DETERMINATION

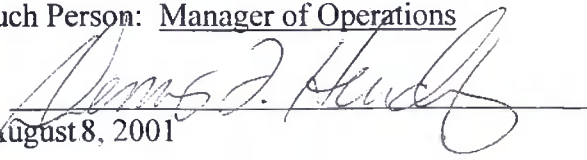
A. THE NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL PRODUCING:

- A1 X occluded natural gas from a coal seam.
A2 natural gas from Devonian shale.
A3 natural gas from a designated tight formation.

B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:

1. Well Name and No.: Pubco State Com #A-1
2. Completed in (Name of Reservoir): Mesa Verde
3. Field: Blanco Mesa Verde
4. County: San Juan
5. State: New Mexico
6. API Well No.: 30-045-27248
7. Measured Depth of the Completion Interval (in feet)
TOP: 4280 BASE: 5188

C. APPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS RESPONSIBLE FOR APPLICATION:

1. Applicant's Name: Great Western Drilling Company
2. Street: P.O. Box 1659
3. City: Midland
4. State: Texas
5. Zip Code: 79702
6. Name of Person Responsible: Dennis Hendrix (915) 682-5241
7. Title of Such Person: Manager of Operations
8. Signature 
Date: August 8, 2001

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

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

Act No. (Assigned by OCM on New Wells)

10-015-77248

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL

GAS

WELL ☐

OTHER

SINGLE

MULTIPLE

ZONE ☐

ZONE ☐

2. Name of Operator

GREAT WESTERN DRILLING CO.

7. Lease Name or Unit Agreement Name

Pubco State Com

8. Well No.

1-A

3. Address of Operator

242 Petroleum Plaza, Farmington, NM 87401

9. Pool name or Wildcat

4. Well Location

Unit Letter I : 935 Feet From The East Line and 1690 Feet From The South Line

Section 36

Township 31-N

Range 11-W

NMPM

San Juan

County

10. Proposed Depth
5200'

11. Formation
Mesa Verde

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
6061' GR

14. Kind & Status Plug, Bond
State wide

15. Drilling Contractor
unknown

16. Approx. Date Work will start
5-1-89

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4	10-3/4	40#	250±	325	Circulate
8-3/4	7"	23#	2800±	650	"
6-1/4	4 1/2"	10.50#	5100±	350	"

- 1 - Drill & set surface csg. w/cement circulated to surface.
- 2 - Set 10" 900 series, Hyd. B.O.P. on surface pipe, test to 1500# before drilling shoe jt.
- 3 - Drill 8-3/4" hole w/native mud or mist drill with air to 2800' ±
- 4 - Set 7" Csg. @ 2800' and circulate cement to surface w/stage tool.
- 5 - Set 10" 900 hydraulic B.O.P. on 7" csg. hanger, test to 2000# before drilling out shoe jt.
- 6 - Drill 6 1/2" hole to T.D. 5100' ±
- 7 - Set 4 1/2" liner 2700' T.D. circulate cement behind liner and test to 2000#, determine by logs what to perforate and frac in Mesa Verde section.

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. GIVE ALSO PLUG PREVENTER PROGRAM, IF ANY.

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

SIGNATURE D E Bayler TITLE Superintendent DATE March 20, 1989

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

SUPERVISOR DISTRICT 3

MAR 21 1989

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL EXPIRES 9-21-89
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-105
Revised 1-1-89

WELL API NO. 30-045-27248
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-5386, B-11370, E-3150

WELL COMPLETION OR RECOMPLETION REPORT AND LOG	
1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐	7. Lease Name or Unit Agreement Name PUBCO STATE COM
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DIRTEN ☐ FLUG BACK ☐ DIPP RESVR ☐ OTHER ☐	
2. Name of Operator GREAT WESTERN DRILLING CO.	
3. Address of Operator 2550 La Plata Hwy, Farmington, NM 87401	
8. Well No. A-1	
9. Pool name or Wildcat Blanco Mesa Verde	

4. Well Location Unit Layer <u>I</u> : <u>935</u> Feet From The <u>East</u> Line and <u>1690</u> Feet From The <u>South</u> Line	
Section <u>36</u>	Township <u>31N</u> Range <u>11W</u> NMPM San Juan County

10. Date Spudded 8-1-89	11. Date T.D. Reached 8-8-89	12. Date Compl. (Ready to Prod.) 12-12-89	13. Elevations (DF& RKB, RT, GR, etc.) 6061 GL	14. Elev. Casinghead 6061
15. Total Depth 5260	16. Plug Back T.D. 5220	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools	Cable Tools None
19. Production Interval(s), of this completion - Top, Bottom, Name 4280-5188 Mesa Verde				20. Was Directional Survey Made 5225 $\frac{1}{2}$ ° 0 to TD
21. Type Electric and Other Logs Run Density, Neutron Log, Temperature Log				22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	259	14-3/4	277 cu. ft. 2% CaCl	
7"	20# & 23#	2897	8-3/4	184 cu. ft. class "B" w/43# B-46	
				glass bubbles 2% CaCl followed w/100	
				sx reg. class "B" 2% CaCl +50 sx reg.	
				in top cmt circ 325 sx class B 1% CaCl	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 10.5	2793	5258	323 cu. ft.		2-3/8	5127	none

26. Perforation record (interval, size, and number) 4280-4308, 4326-48, 4342-56, 4362-64, 4386-94, 4402-16, 4420-46, 4452-84, 4494-4504, 4522-28, 4584-86, 4588-92, 4550-52, 4558-62, 4566-70, 4580-90, 4596-4, 4598-4, 4600-04, 4714-26, 4736-44, 4760-70, 4796-2, 4798-4, 4800-04, 4802-04, 4804-04, 4806-04, 4808-04, 4810-04, 4812-04, 4814-04, 4816-04, 4818-04, 4820-04, 4822-04, 4824-04, 4826-04, 4828-04, 4830-04, 4832-04, 4834-04, 4836-04, 4838-04, 4840-04, 4842-04, 4844-04, 4846-04, 4848-04, 4850-04, 4852-04, 4854-04, 4856-04, 4858-04, 4860-04, 4862-04, 4864-04, 4866-04, 4868-04, 4870-04, 4872-04, 4874-04, 4876-04, 4878-04, 4880-04, 4882-04, 4884-04, 4886-04, 4888-04, 4890-04, 4892-04, 4894-04, 4896-04, 4898-04, 4900-04, 4902-04, 4904-04, 4906-04, 4908-04, 4910-04, 4912-04, 4914-04, 4916-04, 4918-04, 4920-04, 4922-04, 4924-04, 4926-04, 4928-04, 4930-04, 4932-04, 4934-04, 4936-04, 4938-04, 4940-04, 4942-04, 4944-04, 4946-04, 4948-04, 4950-04, 4952-04, 4954-04, 4956-04, 4958-04, 4960-04, 4962-04, 4964-04, 4966-04, 4968-04, 4970-04, 4972-04, 4974-04, 4976-04, 4978-04, 4980-04, 4982-04, 4984-04, 4986-04, 4988-04, 4990-04, 4992-04, 4994-04, 4996-04, 4998-04, 5000-12, 5002-12, 5004-12, 5006-12, 5008-12, 5010-12, 5012-12, 5014-12, 5016-12, 5018-12, 5020-12, 5022-12, 5024-12, 5026-12, 5028-12, 5030-12, 5032-12, 5034-12, 5036-12, 5038-12, 5040-12, 5042-12, 5044-12, 5046-12, 5048-12, 5050-12, 5052-12, 5054-12, 5056-12, 5058-12, 5060-12, 5062-12, 5064-12, 5066-12, 5068-12, 5070-12, 5072-12, 5074-12, 5076-12, 5078-12, 5080-12, 5082-12, 5084-12, 5086-12, 5088-12, 5090-12, 5092-12, 5094-12, 5096-12, 5098-12, 5100-12, 5102-12, 5104-12, 5106-12, 5108-12, 5110-12, 5112-12, 5114-12, 5116-12, 5118-12, 5120-12, 5122-12, 5124-12, 5126-12, 5128-12, 5130-12, 5132-12, 5134-12, 5136-12, 5138-12, 5140-12, 5142-12, 5144-12, 5146-12, 5148-12, 5150-12, 5152-12, 5154-12, 5156-12, 5158-12, 5160-12, 5162-12, 5164-12, 5166-12, 5168-12, 5170-12, 5172-12, 5174-12, 5176-12, 5178-12, 5180-12, 5182-12, 5184-12, 5186-12, 5188-12, 5190-12, 5192-12, 5194-12, 5196-12, 5198-12, 5200-12, 5202-12, 5204-12, 5206-12, 5208-12, 5210-12, 5212-12, 5214-12, 5216-12, 5218-12, 5220-12, 5222-12, 5224-12, 5226-12, 5228-12, 5230-12, 5232-12, 5234-12, 5236-12, 5238-12, 5240-12, 5242-12, 5244-12, 5246-12, 5248-12, 5250-12, 5252-12, 5254-12, 5256-12, 5258-12, 5260-12				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 4280-4608 87,000# 20/40, 120,000 slick w/43# B-46 4700-5034 122,000 20/40, 132,000 slick w/43# B-46 5176-5188 17,000# 20/40, 23,000# slick w/43# B-46	
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Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) SI W.O. pipeline	
Date of Test 11-6-89	Hours Tested 24	Clocks Size adjustable	Hours For Test Period	Oil - Bbl. 2	Gas - MCF 8,236,880	Water - Bbl. load water	Gas - Oil Ratio 4118.44 to 1
Flow Tubing Size 435	Casing Pressure 735	Calculated 24-Hour Rate	Oil - Bbl. 2	Gas - MCF 8236.8	Water - Bbl. load water	Oil Gravity - API - (Corr.) 52	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) vented						Test Witnessed By	

30. List Annotations	
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief	
Signature <i>D.E. Baxter</i>	Printed Name D. E. Baxter Title Supt. Date 1-4-90

Great Western Drilling Co.

J.I.B. DIVISION OF INTEREST LISTING LATEST DECKS

DJ078 08/08/2001 PAGE 1

OWNER FOR PUBCO #1A

PROPERTY	PROPERTY NAME	EFFECTIVE		OWNER	OWNER NAME	D.D.I.	PREPAYMENT	COST	AFIL
		DECK	DATE				LEASE WELL	CTR.	CODE
02820-000	PUBCO STATE #1-A	A	09/01/97	0251365	DAVOIL INC	0.15541750	02820-000	0	N
	PUBCO STATE #1-A				P O BOX 122269				
					FORT WORTH TX 76121-2269	Tax-id No: 75-1531420			
				0811308	ENERGEN RESOURCES CORPORATION	0.12500000	02820-000	0	N
					605 RICHARD ARRINGTON JR BLVDN				
					BIRMINGHAM AL 35203-2707	Tax-id No: 63-0808872			
				9999901	GREAT WESTERN DRILLING COMPA	0.71958250	02820-000	0	N
					P O BOX 1659				
					MIDLAND TX 79702-1659	Tax-id No: 75-0397250			
				*** DECK TOTAL	3 OWNERS	1.00000000			

105584

Great Western Drilling Co. P O BOX 1659 Midland, Texas 79702-1659 915/6825241

INVOICE #	DATE	DESCRIPTION	AMOUNT	DISCOUNT	NET
0801RTCKCF	08/09/01	FILING FEE	25.00		25.00

VENDOR # 0798234 CHECK # 105584 DATE 08/10/01 25.00

This check contains safety block features and is void without brown screen background.

Bank of America
North Carolina 66-798
531

NUMBER

105584

DATE
8 10 01

GREAT WESTERN DRILLING COMPANY
Post Office Box 1659 • Midland, Texas 79702

***25

Dollars

No Cents

AMOUNT
*****25.00

VOID AFTER 60 DAYS

PAY TO THE ORDER OF

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION
P O BOX 2088
SANTA FE, NM 87504

GREAT WESTERN DRILLING COMPANY

PRESIDENT

This check contains an artificial watermark on the back - hold at angle to view watermark.

⑈0000105584⑈ ⑆053107989⑆ 000480109372⑈

ENERGY, MINERALS AND NATURAL RESOURCES DEPT

01-521

NO. 117301

Official Receipt

Received from:

RC - OCD-SF

Kathy Valdes

Date:

8/27/

19 01

Dollar Amount

25.00

DR CR.	AMOUNT NUMBER	CENTER NUMBER	CREDIT AMOUNT	DEPOSIT NUMBER	WORK ORDER NO.
60	4290				
60	4291				
60	3450				
60	3451				
60	3410				
60	4210				
60	4240				
60	9696	0711	25.00		
60					
60					
60					

TOTAL

25.00

NGPA Filing Fee

By