

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

811 South First St., Artesia, NM 88210-2835

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429Form C-107-A
New 3-12-98

APPROVAL PROCESS :

☒ Administrative ☐ Hearing

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

☒ YES ☐ NOBurlington Resources Oil & Gas Company
87499

PO Box 4289, Farmington, NM

Operator

Address

Taliaferro

4E

C 29-31-12

San Juan

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 7579 API NO. 30-045-24452 Federal ☒ State ☐ (and/or) Fee

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesaverde - 72319		Basin Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	4717-4930'		6870-6972'
3. Type of production (Oil or Gas)	gas		gas
4. Method of Production (Flowing or Artificial Lift)	flowing		flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Current) a. 546 psi (see attachment)		a. 660 psi (see attachment)
	(Original) b. 1243 psi (see attachment)	b.	b. 1245 psi (see attachment)
6. Oil Gravity (^o API) or Gas BTU Content	BTU 1227		BTU 1283
	producing		producing
Production Marginal? (yes or no)	no		yes
* If Shut-In and oil/gas/water rates of last production	Date: n/a Rates:	Date: Rates:	Date: n/a Rates:

Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-101
Effective 1-1-79

EXHIBIT "A" - Location & Elevation Plat

All distances must be from the outer boundaries of the Section

Owner Supron Energy Corporation		Lease SF-078244		Well No. Taliaferro #4
Well Letter C	Section 29	Township 31 North	Range 12 West	County San Juan

Actual Footage Location of Well:

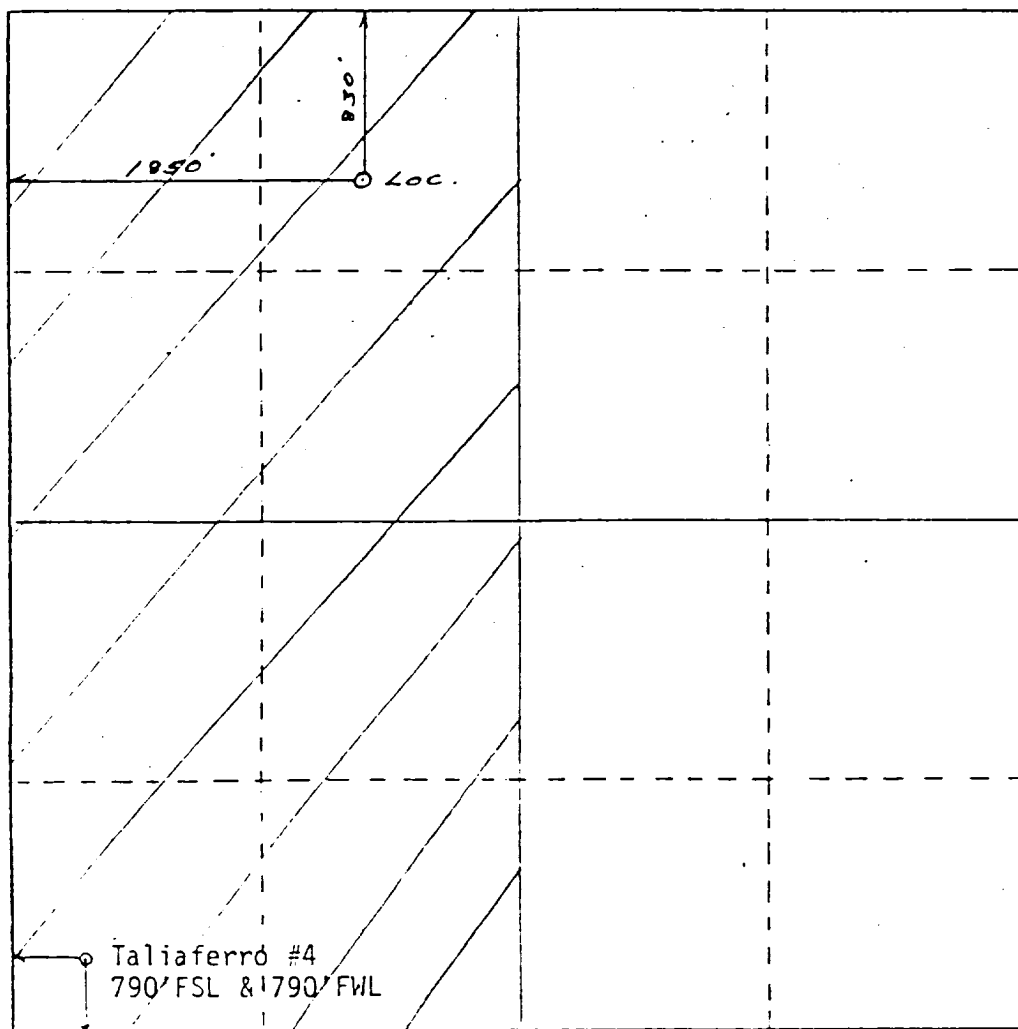
830	feet from the North	line and	1850	feet from the West	line
Ground Level Elev. 6030'	Producing Formation DAKOTA	Pool BASIN DAKOTA	Dedicated Acreage: 320 Acres		

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

George Lapaseotes

Name **George Lapaseotes**

V. President Power Elevat

Position

Agent Consultant for

Company

Supron Energy Corporation

Date

May 22, 1980

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.

OLD G. HUDDLESTON
NEW MEXICO
28 MAY 1980
6844
George G. Huddleston
Registered Professional Land Surveyor
and/or Licensed Surveyor
6844

Certificate No.

320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400

NEW MEXICO OIL CONSERVATION COMMISSION
 WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-
 Effective 1-1-81

EXHIBIT "A" - Location & Elevation Plat

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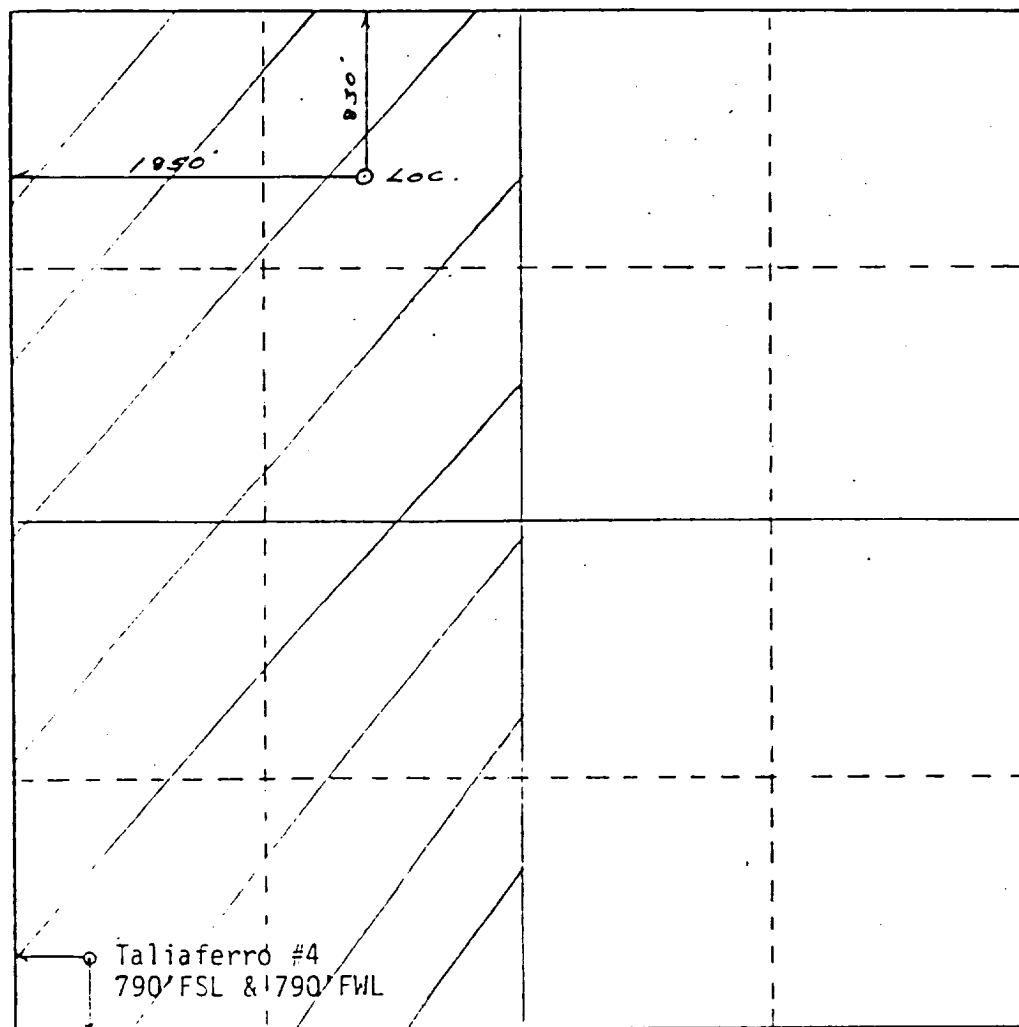
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Section C	Section 29	Township 31 North	Range 12 West	County San Juan	
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George Lapaseotes
 Name George Lapaseotes

V. President Power Elevat

Position Agent Consultant for

Company Supron Energy Corporation

Date May 22, 1980

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.

28 MAY 27 1980
 Date Surveyed

Walter G. Huddleston
 Registered Professional Engineer and/or Land Surveyor

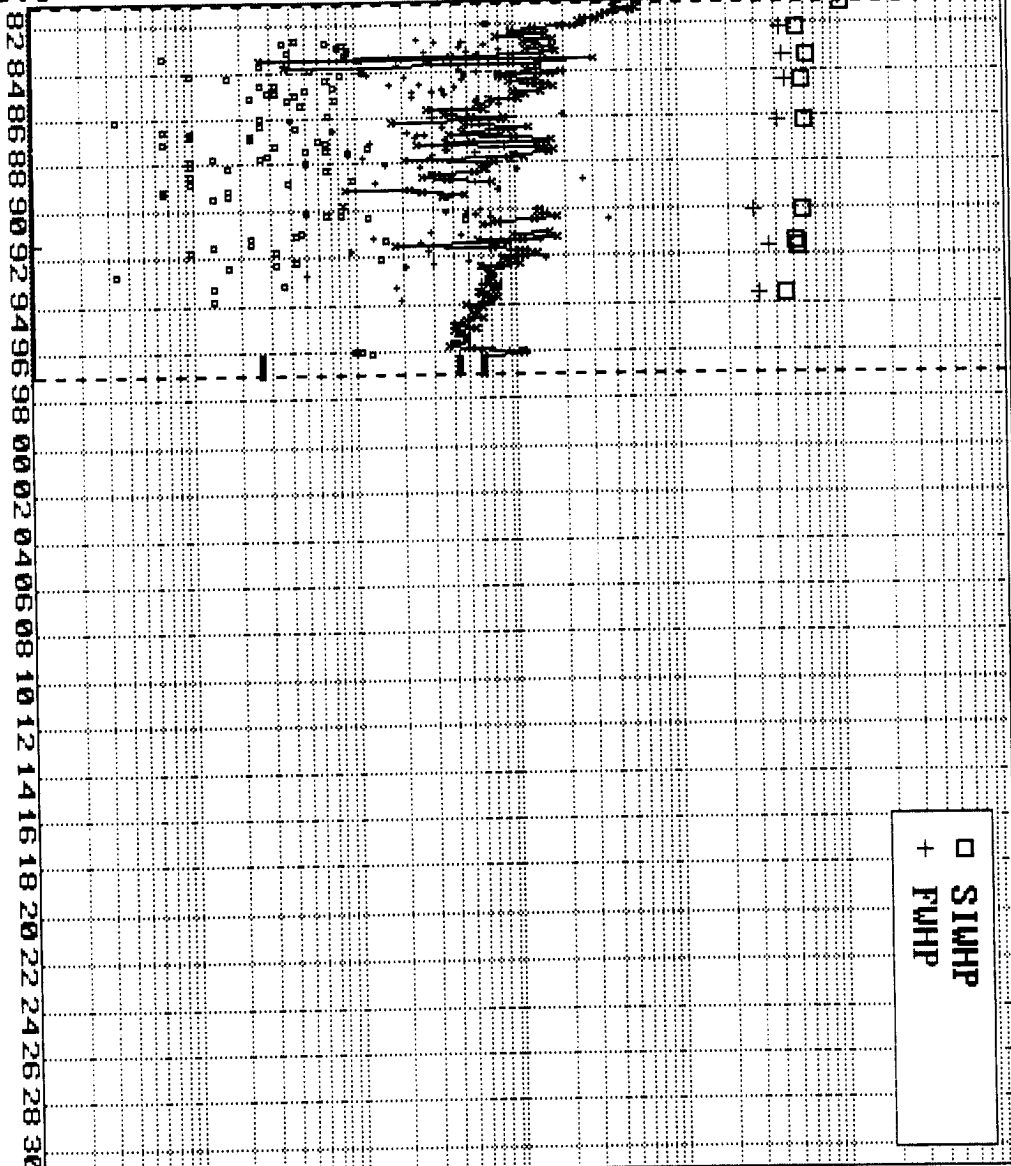
6844
 Registered Land Surveyor

Certificate No.

330 660 990 1320 1650 1980 2310 2640 2000 1800 1600 1400 1200 1000 800 0

0.1	1	10	100	1000	10000	* WATER
0.01	0.1	1	10	100	1000	* OIL/GAS
0.01	0.1	1	10	100	1000	* OIL
0.1	1	10	100	1000	10000	* GAS

TALIAFERRO : 4E : 32309B-1



□ SIWHP
+ FWHP

MV

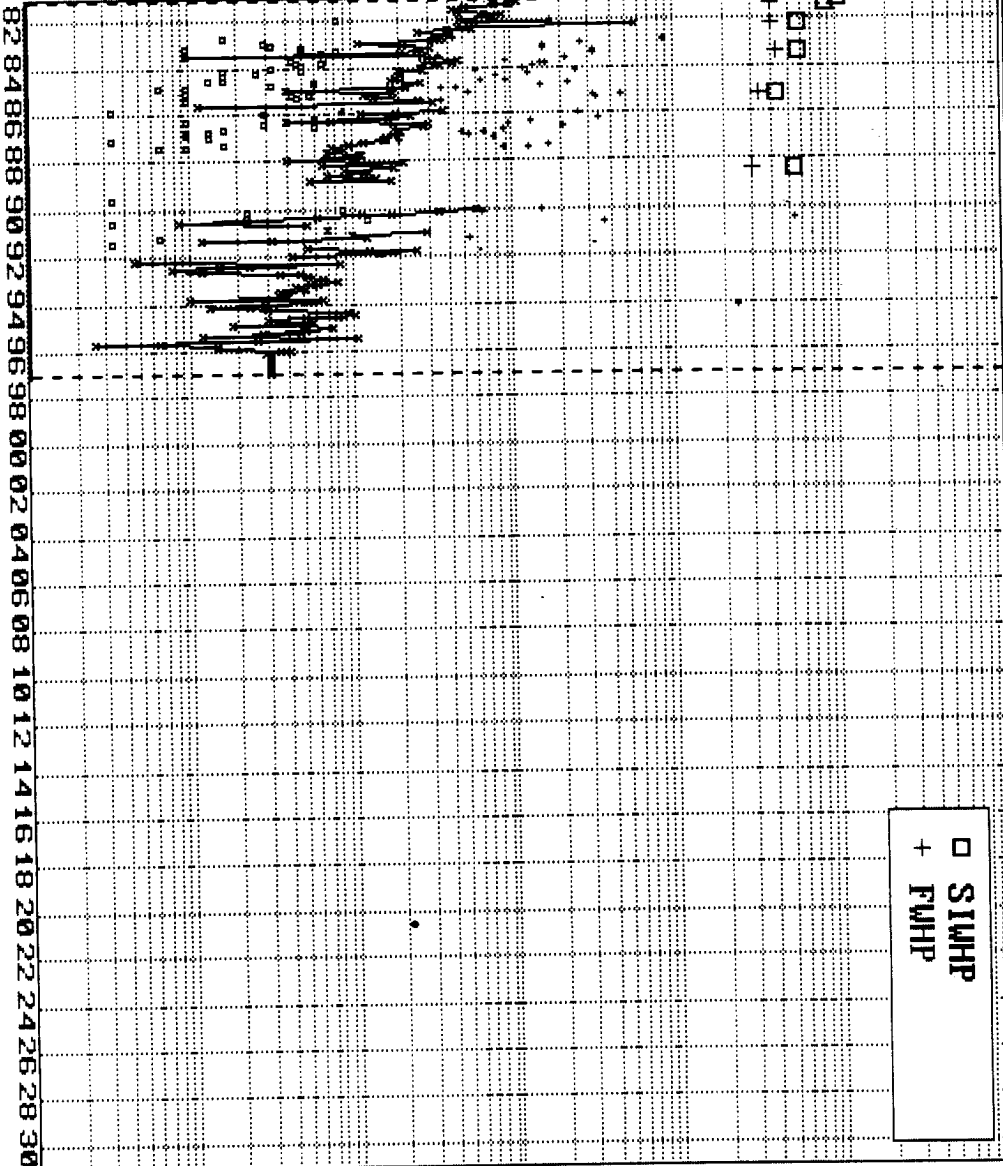
Prop 71 *

- * GAS Mcf/d
- * OIL Bbl/d
- * OIL/GAS
- * WATER Bbls/d
- ▣ RateTime
- ▣ Semi Log

Major = GAS

0.1	1	10	100	1000	10000	WATER
0.01	0.1	1	10	100	1000	OIL/GAS
0.01	0.1	1	10	100	1000	OIL
0.1	1	10	100	1000	10000	GAS

TALIAFERRO : 4E : 32309A-1



□ SIWHP
+ FWHP

Prop 95 *

☒ *GAS Mcf/d
☐ OIL Bbl/d
☐ OIL/GAS
☐ WATER Bbls/d

☒ RateTime
☒ Semi Log

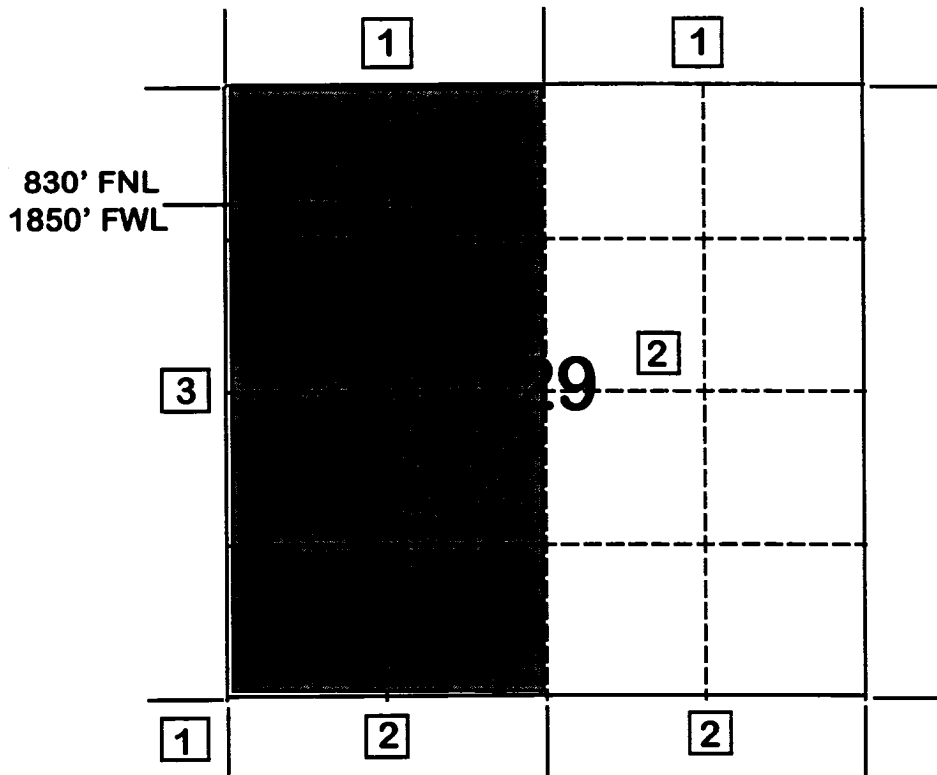
Major = GAS

BURLINGTON RESOURCES OIL AND GAS COMPANY

**Taliaferro #4E
OFFSET OPERATOR \ OWNER PLAT**

Mesaverde/Dakota Formations Commingle Well

Township 31 North, Range 12 West



- 1) Burlington Resources Oil and Gas Company Successor to Meridian Oil Inc.
- 2) Amoco Production Company
Attn: Bruce Zimney
P.O. Box 800
Denver, CO 80201
- 3) Robert R. Click
Suite 230 Pecan Creek
8340 Meadow Road
Dallas, TX 75231

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 1.0 3/13/94

GAS GRAVITY	0.7
COND. OR MISC. (C/M)	C
%N2	0.24
%CO2	0.57
%H2S	0
DIAMETER (IN)	1.25
DEPTH (FT)	7071
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	150
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	457
BOTTOMHOLE PRESSURE (PSIA)	546.4

TALIAFERRO #4E MESAVERDE - (CURRENT)

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 10.3/13/54

GAS GRAVITY	<u>0.7</u>
COND. OR MISC. (C/M)	<u>C</u>
%N2	<u>0.24</u>
%CO2	<u>0.57</u>
%H2S	<u>0</u>
DIAMETER (IN)	<u>1.25</u>
DEPTH (FT)	<u>7071</u>
SURFACE TEMPERATURE (DEG F)	<u>60</u>
BOTTOMHOLE TEMPERATURE (DEG F)	<u>150</u>
FLOWRATE (MCFPD)	<u>0</u>
SURFACE PRESSURE (PSIA)	<u>1020</u>
BOTTOMHOLE PRESSURE (PSIA)	<u>1243.3</u>

TALIAFERRO #4E MESAVERDE - (ORIGINAL)

Organize Data ScreenGraph Economics Report Plot Utility

MV

Quit

Browsing: TALIAFERRO | 4E | 32309B-1

Property No.: 71

Table(T): TEST/M,P,H,E,T,Z,C,A,O,D,N,1,2,3,B,U,S Rec: 1/9/1231

Item: 2/3/33 Name: DATE Type: Date Len: 8/27/203

--DATE--	---CUM GAS--	M SIWHP
	Mcf	Psi
02/07/81	0	1020.0
04/01/82	119247	550.0
06/09/83	171145	632.0
06/27/84	215547	582.0
03/11/86	268234	604.0
02/14/90	357460	591.0
05/20/91	398106	527.0
08/15/91	403540	539.0
07/30/93	460041	457.0

F1=Help F3=PrvPro F5=PrvTbl F7=Calcu F9=Utils Alt+TableLtr=Change Table
F2=Jump F4=NxtPro F6=NxtTbl F8=Print F10=Exit Shift+<- ->=Fast Tbl R & L

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 10/3/13/94

GAS GRAVITY	0.76
COND. OR MISC. (C/M)	C
%N2	0.44
%CO2	1.54
%H2S	0
DIAMETER (IN)	1.5
DEPTH (FT)	7071
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	200
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	546
BOTTOMHOLE PRESSURE (PSIA)	659.5

TALIAFERRO #4E DAKOTA - (CURRENT)

**FLOWING AND STATIC BHP
CULLENDER AND SMITH METHOD**

VERSION 10.3/13/94

GAS GRAVITY	0.76
COND. OR MISC. (C/M)	C
%N2	0.44
%CO2	1.54
%H2S	0
DIAMETER (IN)	1.5
DEPTH (FT)	7071
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	200
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1014
BOTTOMHOLE PRESSURE (PSIA)	1245.1

TALIAFERRO #4E DAKOTA - (ORIGINAL)

Organize Data ScreenGraph Economics Report Plot Utility

DK

Quit

Browsing: TALIAFERRO | 4E | 32309A-1

Property No.: 95

Table(T): TEST/M,P,H,E,T,Z,C,A,O,D,N,1,2,3,B,U,S Rec: 1/6/1231

Item: 2/3/33 Name: DATE Type: Date Len: 8/27/203

--DATE--	---CUM_GAS-- Mcf	M SIWHP Psi
02/07/81	0	1014.0
04/25/81	5765	863.0
04/01/82	43849	576.0
06/09/83	56522	581.0
04/03/85	72609	429.0
05/17/88	89072	546.0

F1=Help F3=PrvPro F5=PrvTbl F7=Calcu F9=Utils Alt+TableLtr=Change Table
F2=Jump F4=NxtPro F6=NxtTbl F8=Print F10=Exit Shift+<- ->=Fast Tbl R & L

FARMINGTON 1996 MONTHLY PRODUCTION FOR 32309A
TALIAFERRO 4E
BASIN DAKOTA (PRORATED GAS) FIELD DAKOTA ZONE

PHS030M

DAYS				OIL		GAS							
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD
1	2	F	31	02			01	108	31	1236	15.025		
2	2	F	29	02			01	89	29	1236	15.025		
3	2	F	31	02			01	89	31	1236	15.025		
4	2	F	30	02			01	151	30	1236	15.025		
5	2	S	31	02			01	200	31	1236	15.025		
6	2	F	28	02			01	185	28	1260	15.025		
7	2	F	31	02			01	155	31	1260	15.025		
8	2	F	31	02			01	174	31	1260	15.025		
9	2	F	30	02			01	192	30	1260	15.025		
10	2	F	31	02			01	223	31	1260	15.025		
11	2	F	30	02			01	230	30	1260	15.025		
12	2	F	31	02			01	205	31	1260	15.025		

PF6 - RETURNS TO ANNUAL DISPLAY
PF10 - HELP INFORMATION

PF3 - TRANSFER TO UPDATE
PF9 - DISPLAY MONTHLY INJECTION
PRS 02/05/97

00/00/00 00:00:00:0

B MY JOB

NUM LU #14

FARMINGTON 1996 MONTHLY PRODUCTION FOR 32309B
TALIAFERRO 4E
BLANCO MESAVERDE (PRORATED GAS) FIELD MESAVERDE ZONE

PHS030M

DAYS				OIL		GAS							
MO	T	S	ON	PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD
1	2	F	31	02	30		01	3377	31	1185	15.025		
2	2	F	29	02	38	58.9	01	3333	29	1185	15.025		
3	2	F	31	02	2		01	2411	31	1185	15.025		
4	2	F	30	02	2		01	2302	30	1185	15.025		
5	2	S	31	02	3		01	2293	31	1205	15.025		
6	2	F	26	02	2		01	2016	26	1205	15.025		
7	2	F	31	02			01	2271	31	1205	15.025		
8	2	F	31	02			01	2202	31	1205	15.025		
9	2	F	30	02			01	1980	30	1205	15.025		
10	2	F	31	02			01	1891	31	1205	15.025		
11	2	F	30	02			01	1865	30	1205	15.025		
12	2	F	31	02			01	1679	31	1205	15.025		

PF6 - RETURNS TO ANNUAL DISPLAY
PF10 - HELP INFORMATION

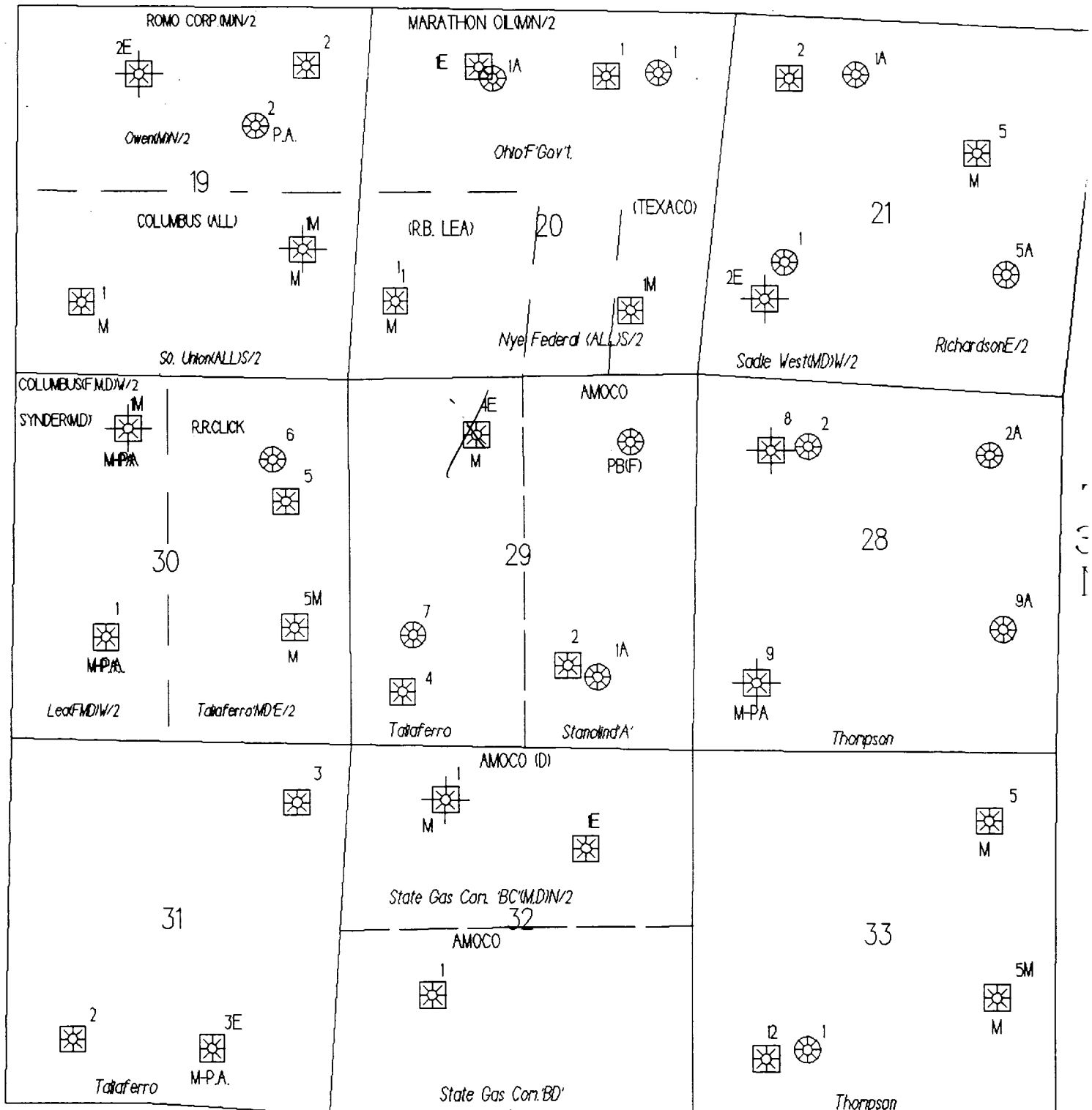
PF3 - TRANSFER TO UPDATE
PF9 - DISPLAY MONTHLY INJECTION
PRS 02/05/97

00/00/00 00:00:00:0

B MY JOB

NUM LU #14

TALIAFERRO #4E
SECTION 29, T31N, R12W
MESAVERDE - DAKOTA



R-12-W