

124040212 NSL



OIL CONSERVATION DIV.



ENGINEERING & PRODUCTION CORP.

01 AUG 27 PM 1:39
Petroleum Engineering Consulting
Lease Management
Contract Pumping

7415 East Main
Farmington, New Mexico 87402
(505) 327-4892 • Fax: (505) 327-9834

Ms. Lori Wrotenbery
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, NM 87505

August 23, 2001

Re: Request for Administrative approval for Non-Standard Dakota Location
Rosa Unit 12B (Sec 15/T31N/R6W, 485' fsl & 1125' fel, Rio Arriba County, New Mexico)

(30-039-26555)

Dear Ms. Wrotenbery,

Williams Production Company is requesting an administrative approval to construct the Rosa 12B as a dual Mesaverde/Dakota with the Dakota being non-standard. Williams has already been issued an APD for drilling a standard infill Mesaverde well by the BLM.

Williams intends to make the well a dual well thereby capturing the reserves from the Dakota with a single well bore. Originally, the surface location was picked by considering drainage from the offset Mesaverde wells and topography constraints. In this case, Williams would be unable to move the location any further to the north because of the abrupt topography changes. (Large mesa that runs east and west).

Therefore, the reasons for requesting administrative approval for a non-standard location are:

1. Topography (Large mesa that runs east & west) – see topo map.
2. The current location has a good fit with projected drainage patterns within the Mesaverde formation. (RU 12A to the northwest, RU 16B to the southeast and the RU 12B further to the north – see drainage map).
3. By itself, the Dakota (in this area) is at best very marginal economically and a dual completion helps capture additional reserves from the Dakota that otherwise would not be able to be economically developed.
4. Utilizing a single well bore for a dual completion would also negate the need for additional disturbance of another well, ie. well pad, road, pipeline ROW, etc.

As the Unit Operator of the Rosa Unit, Williams Production is the *only* offset operator, thereby this proposed non-standard location would not affect any other operators.

Please find attached a drilling plat with topographical map showing location, drainage map as well as a portion of the unit map showing where the well is located within the unit.

If you have any questions or concerns, please feel free to contact me anytime.

Sincerely,

John C. Thompson
Engineer

8-28-2001
Tulhoy/Henson white in
Pete about this
asst.
look good -
ML

c:wpx/nsdk12b

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

District II
PO Drawer DD, Artesia, NM 88211-0719

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

District IV
PO Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 72319 / 71599		³ Pool Name Blanco Mesaverde / Basin Dakota	
⁴ Property Code 17033		⁵ Property Name ROSA UNIT		⁶ Well Number 12B	
⁷ OGRID No. 120782		⁸ Operator Name WILLIAMS PRODUCTION COMPANY		⁹ Elevation 6144'	

¹⁰ Surface Location

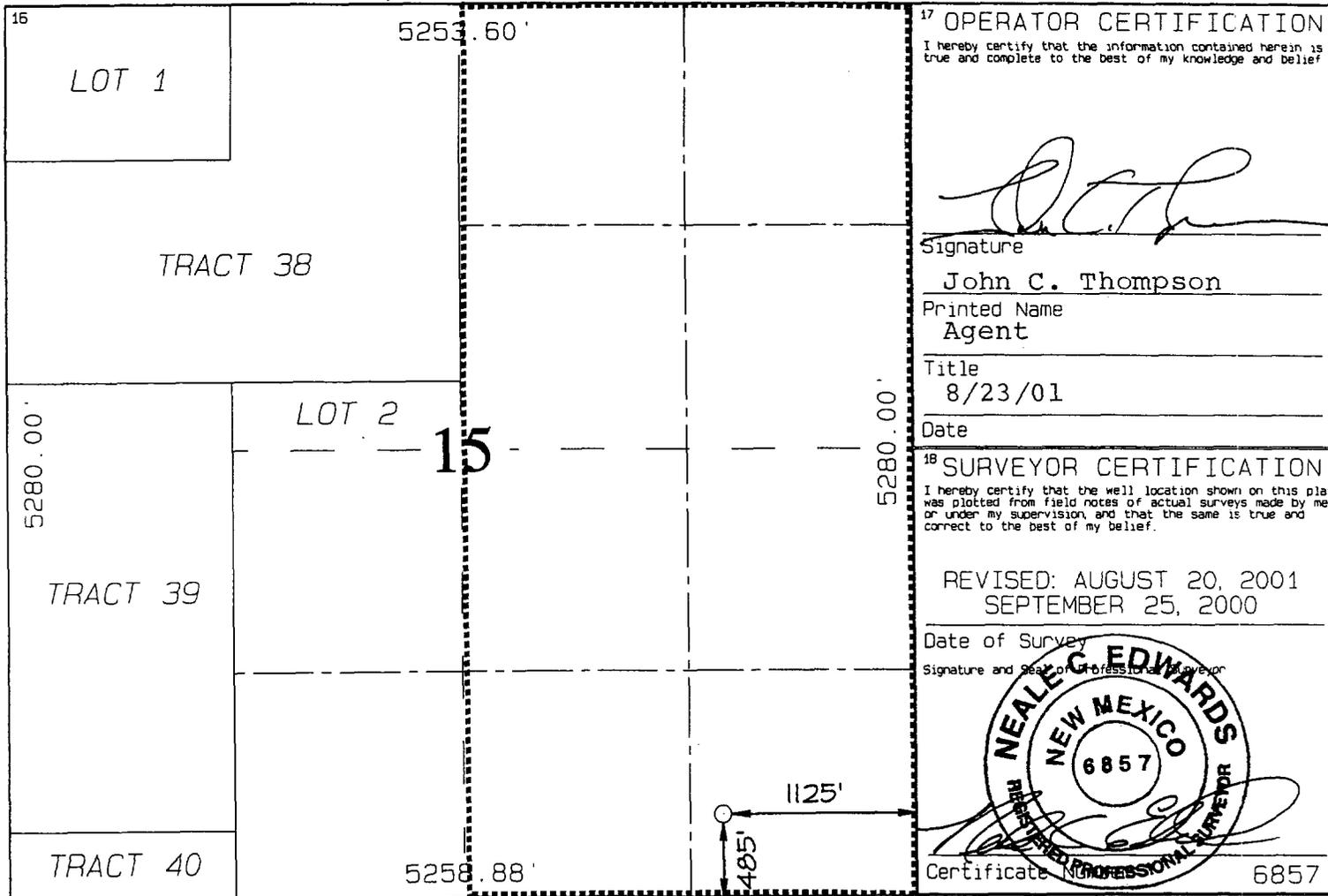
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	15	31N	6W		485	SOUTH	1125	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

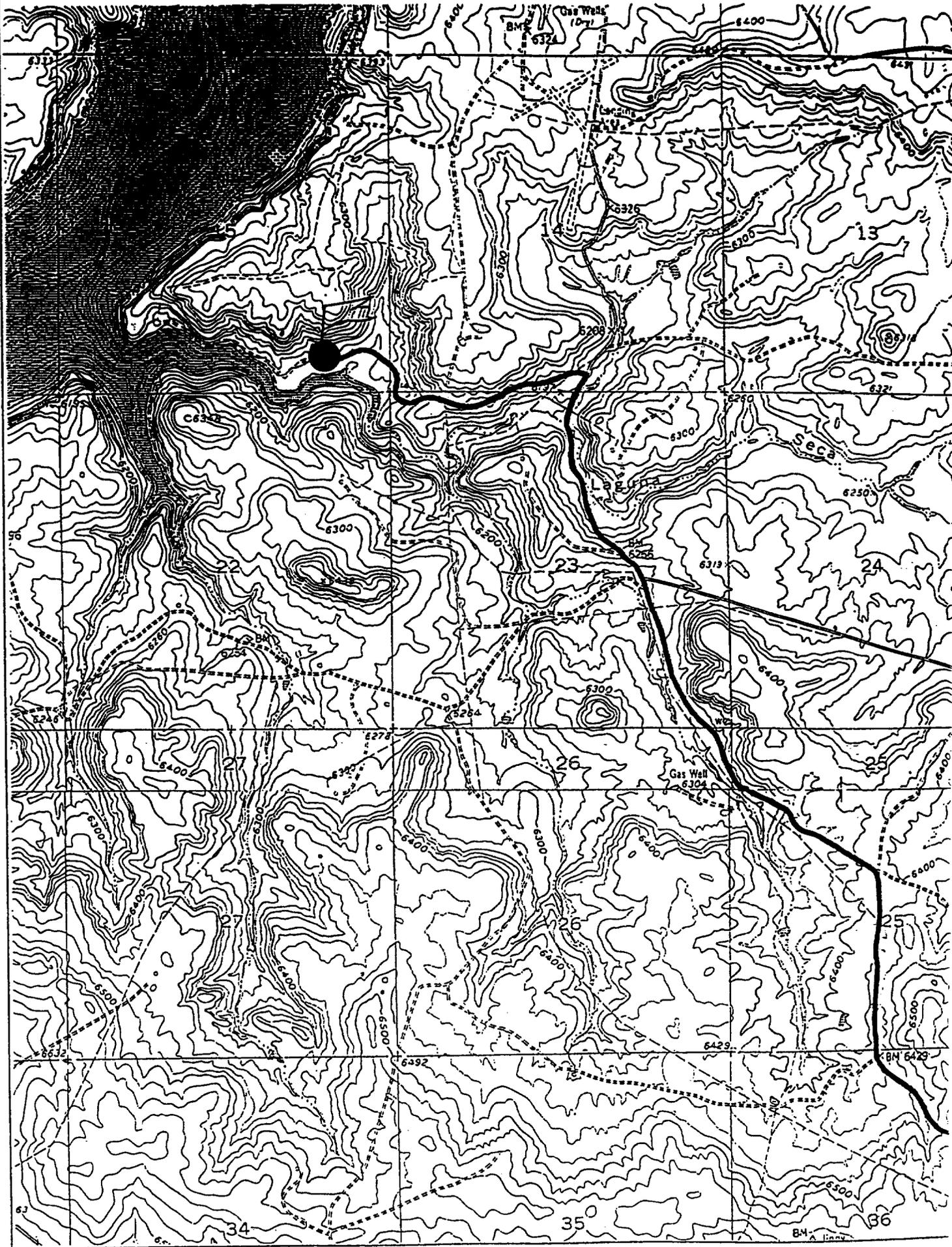
¹² Dedicated Acres E/2 320				¹³ Joint or Infill I	¹⁴ Consolidation Code U	¹⁵ Order No.
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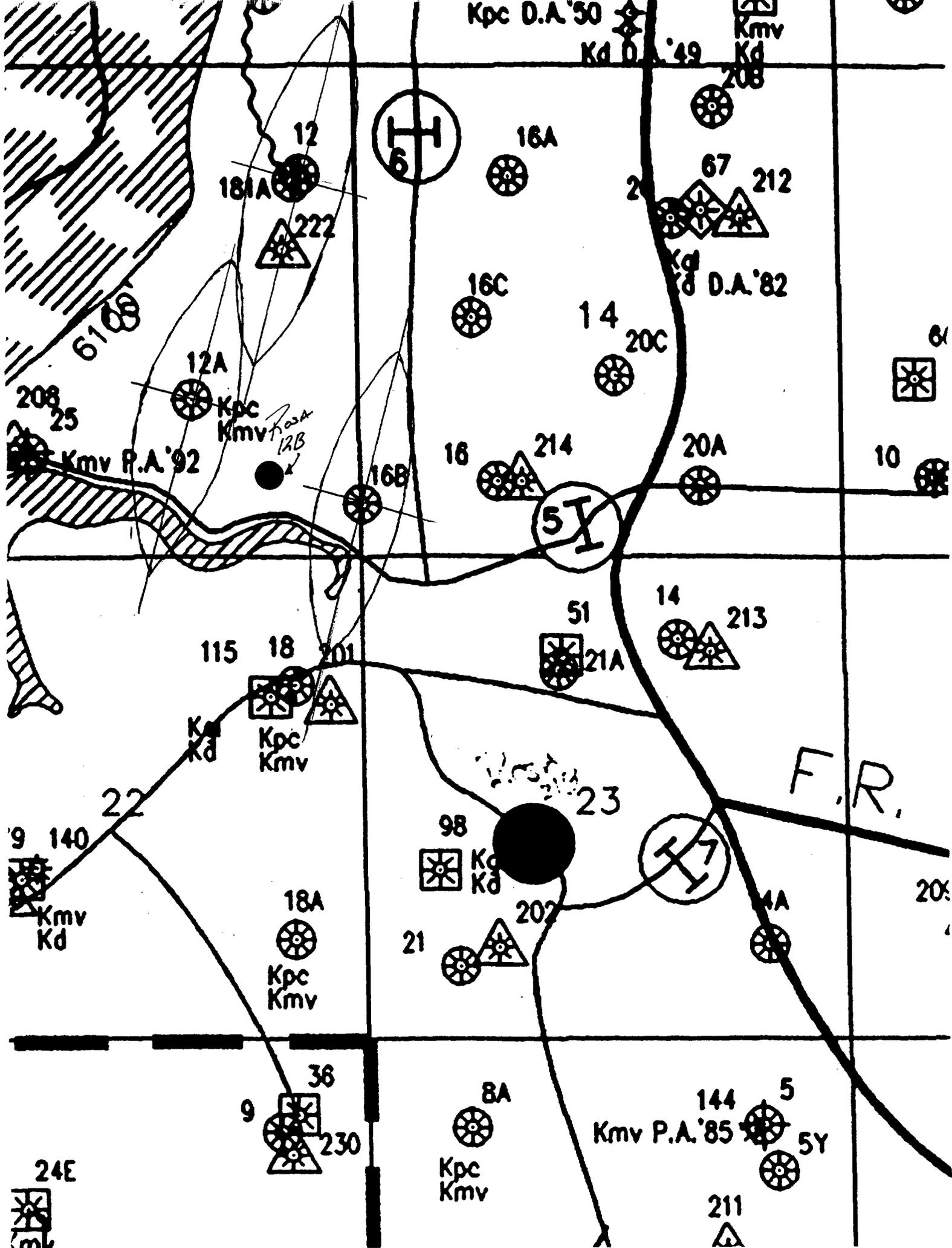
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



WILLIAMS PRODUCTION COMPANY ROSA UNIT #12B

485' FSL & 1125' FEL, SECTION 15, T31N, R6W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO





Kpc D.A.'50

Kd D.A.'49

Kmv

208

6

16A

12

181A

222

2

67

212

D.A.'82

16C

14

20C

12A

Kpc Kmv

Rosa 12B

16

214

20A

10

208

25

Kmv R.A.'92

168

5Y

51

14

213

115

18

201

21A

Kd

Kpc Kmv

F.R.

22

23

98

Kd Kd

17

20

9 140

Kmv Kd

18A

Kpc Kmv

21

202

4A

24E

ml

36

9 230

8A

Kpc Kmv

Kmv P.A.'85

144

5

5Y

211

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

08/30/01 18:06:08
OGOMES -TQM
PAGE NO: 1

Sec : 15 Twp : 31N Rng : 06W Section Type : NORMAL

1 31.28 Mixed Non State U U	38 Fee owned U	38 40.00 Federal owned U	B 40.00 Federal owned U	A 40.00 Federal owned U A A
38 Fee owned U U	2 7.89 Mixed Non State U U	38 40.00 Federal owned U	G 40.00 Federal owned U	H 40.00 Federal owned U A

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

08/30/01 18:06:17
OGOMES -TQMX
PAGE NO: 2

Sec : 15 Twp : 31N Rng : 06W Section Type : NORMAL

39	K 40.00	J 40.00	I 40.00
Fee owned U	Federal owned U	Federal owned U A	Federal owned U
39 40	N 40.00	O 40.00	P 40.00
Fee owned U U	Federal owned U A A	Federal owned U	Federal owned U A

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

CMD : ONGARD 08/30/01 18:08:02
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQMX
 Page No: 1

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 39 26312 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes			Well Water Stat
			Gas	Oil		
30 39 26312		09 00				S
30 39 26312	ROSA UNIT	10 00				S
30 39 26312	ROSA UNIT	11 00 15	10978			F
30 39 26312	ROSA UNIT	12 00 30	19914			F
30 39 26312	ROSA UNIT	01 01 14	11712		80	F
30 39 26312	ROSA UNIT	02 01 14	8981			F
30 39 26312	ROSA UNIT	03 01 14	7007			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 08/30/01 18:08:06
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQMX
Page No: 2

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 39 26312 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Volumes Gas	Oil	Water	Well Stat
30 39 26312	ROSA UNIT	04 01	9	5928		80	F
30 39 26312	ROSA UNIT	05 01	9	5443			F
30 39 26312	ROSA UNIT	06 01	8	5977		60	F

Reporting Period Total (Gas, Oil) : 75940 220

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 08/30/01 18:08:23
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQM
Page No: 1

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 39 7970 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 7970	ROSA UNIT	01 00 31	3349	F
30 39 7970	ROSA UNIT	02 00 29	3802	F
30 39 7970	ROSA UNIT	03 00 31	3869	F
30 39 7970	ROSA UNIT	04 00 28	3482	F
30 39 7970	ROSA UNIT	05 00 31	2825	F
30 39 7970	ROSA UNIT	06 00 30	2084	F
30 39 7970	ROSA UNIT	07 00 31	2039	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 08/30/01 18:08:28
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQMX
Page No: 2

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 39 7970 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 7970	ROSA UNIT	08 00 31	10	F
30 39 7970	ROSA UNIT	09 00 30	2394	F
30 39 7970	ROSA UNIT	10 00 31	4993	F
30 39 7970	ROSA UNIT	11 00 9	3872	F
30 39 7970	ROSA UNIT	12 00 6	1908	F
30 39 7970	ROSA UNIT	01 01 6	2022	F
30 39 7970	ROSA UNIT	02 01 8	2765	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 08/30/01 18:08:30
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TQMX
Page No: 3

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 39 7970 Report Period - From : 01 2000 To : 06 2001

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 7970	ROSA UNIT	03 01 8	2552	F
30 39 7970	ROSA UNIT	04 01 8	2942	F
30 39 7970	ROSA UNIT	05 01 14	4016	F
30 39 7970	ROSA UNIT	06 01 28	6725	50 F

Reporting Period Total (Gas, Oil) : 55649 50

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 08/30/01 18:09:13
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQMX

OGRID Idn : 120782 API Well No: 30 39 26555 APD Status(A/C/P): A
Opr Name, Addr: WILLIAMS PRODUCTION COMPANY, LLC Aprvl/Cncl Date : 07-06-2001
PO BOX 58900
SALT LAKE CITY,UT 84158-0900

Prop Idn: 17033 ROSA UNIT Well No: 12 B

	U/L	Sec	Township	Range	Lot Idn	North/South	East/West
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Surface Locn : P	15		31N	06W		FTG 485 F S	FTG 1125 F E
OCD U/L : P			API County :	39			

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : F
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 6144

State Lease No: Multiple Comp (S/M/C) : S
Prpsd Depth : 5891 Prpsd Frmtn : BLANCO MESAVERDE

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

124040212

New Mexico Oil Conservation Division---Engineering Bureau
Administrative Application Process Documentation

Date Application Received: 8-27-01

Date of Preliminary Review: 8-30-01
(Note: Must be within 10-days of received date)

Results: Application Complete Application Incomplete

Date Incomplete Letter Sent: NA

Deadline to Submit Requested Information: NA

Phone Call Date: NA
(Note: Only applies if requested data is not submitted within the 7-day deadline)

Phone Log Completed? Yes No

Date Application Processed: 8-31-01

Date Application Returned: _____
(Note: Only as a last resort & only after repeated attempts by the Division to obtain the necessary information to process the application)