

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 13, 1999
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

XTO ENERGY INC. Cross Timbers Operating Company 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401		¹ Operator name and Address	² OGRID Number 167067
⁴ Property Code 22825	⁵ Property Name State Gas Com "BR"		³ API Number 30-0 45-31057
			⁶ Well No. #1F

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
G	2	29N	10W		1965'	North	1600'	East	San Juan

⁸ Proposed 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

⁹ Proposed Pool 1

Basin Dakota

¹⁰ Proposed Pool 2

Blanco Mesaverde

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 5,988' Ground Level
¹⁶ Multiple Yes	¹⁷ Proposed Depth 7,200'	¹⁸ Formation Dakota/Mesaverde	¹⁹ Contractor Bearcat Drilling	²⁰ Spud Date Summer, 2002

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	32.3 #/ft	260'	+120 SX	Surface -
8-3/4"	7"	20.0 #/ft	2,750'	+340 SX	Surface -
6-1/4"	4-1/2"	10.5 #/ft	7,200'	+340 SX	2,550' -

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill to 260'. Cmt 9-5/8" csg w/120 Type III cmt w/2% CC & 1/4#/sx cello (14.5 ppg, 1.39 cuft, 6.8 gal/sx).

Set 7" intermediate @ 2,750'. Cmt w/240 sx Premium Lite (65/35) w/6% gel & 1/4#/sx cello (12.5 ppg, 2.01 cuft, 10.78 gal/sx) followed by 100 sx Type III w/2% CC & 1/4#/sx cello (14.5 ppg, 1.39 cuft, 6.8 gal/sx).

Set 4-1/2" @ 7,200'. Cmt w/190 sx Class H w/2% econolite & 1/4#/sx cello (11.8 ppg, 2.45 cuft, 14.7 gal/sx) followed by 150 sx Class H w/fluidloss, dispersant & 1/4#/sx cello (15.6 ppg, 1.18 cuft, 5.2 gal/sx). Final vol will be obtained from caliper log. See attached BOP diagram.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: <i>Jeffrey W. Patton</i>	OIL CONSERVATION DIVISION	
Printed name: Jeffrey W. Patton	Approved by: <i>[Signature]</i>	
Title: Drilling Engineer	Title: DEPUTY OIL & GAS INSPECTOR, ENST. NM	
	Approval Date: APR - 9 2002	Expiration Date: APR - 9 2003

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Form C-102
Revised October 18, 199
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-31057	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 22825	⁵ Property Name State Gas Com "BR"	⁶ Well Number #1F
⁷ OGRID No. 167067	⁸ Operator Name XTO Energy Inc.	⁹ Elevation 5988' GR

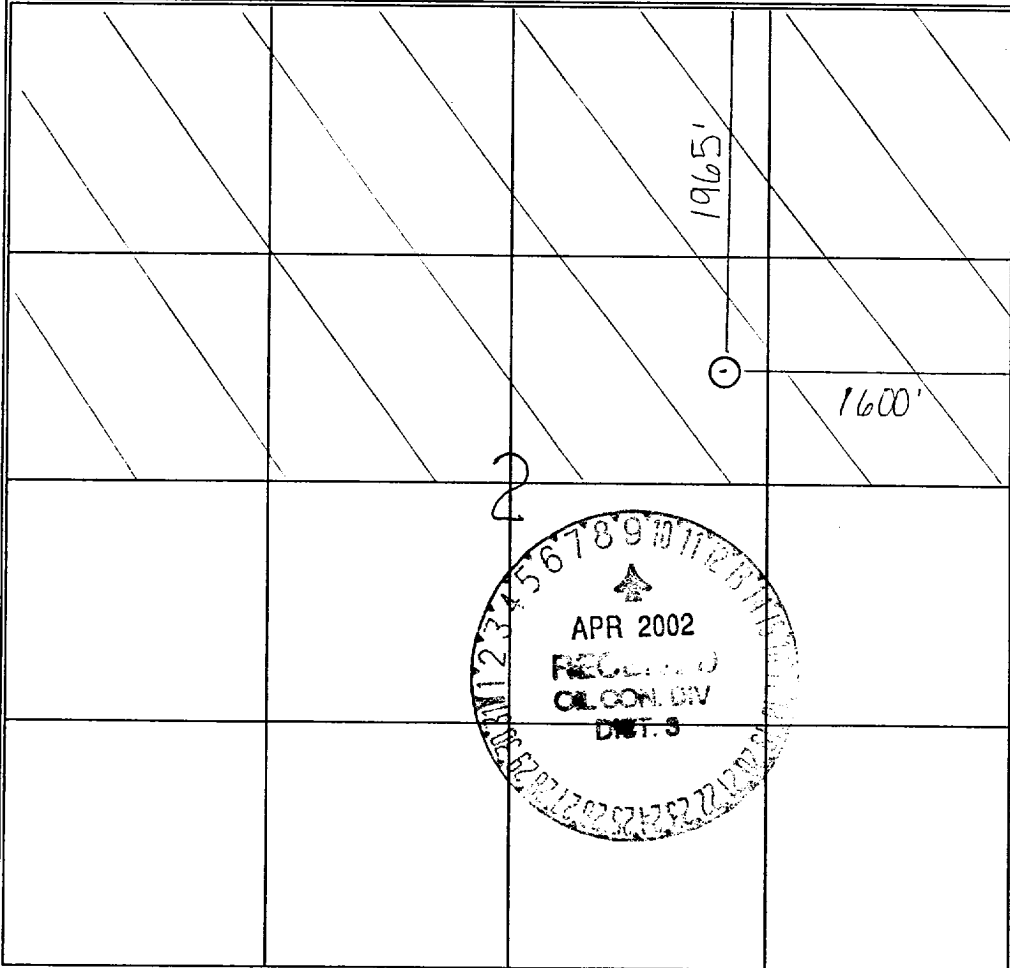
¹⁰ Surface Location									
UL or lot no. G	Section 2	Township 29N	Range 10W	Lot. Idn	Feet from the 1965	North/South Line North	Feet from the 1600	East/West line East	County San Juan

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
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¹² Dedicated Acres 328.24 N/2	¹³ Joint or Infill I	¹⁴ Consolidation Code	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

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Jeffrey W Patton</u> Printed Name <u>Jeffrey W Patton</u> Title <u>Drilling Engineer</u> Date <u>4/8/02</u>
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey <u>March 22, 1999</u> Signature and Seal of Professional Surveyor: <u>ORIGINAL SURVEY ON FILE</u> <u>NEALE C. EDWARDS</u> <u>#6857</u> Certificate Number

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-31057	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 22825	⁵ Property Name State Gas Com "BR"	⁶ Well Number #1F
⁷ OGRID No. 167067	⁸ Operator Name XTO Energy Inc.	⁹ Elevation 5988' GR

¹⁰ Surface Location

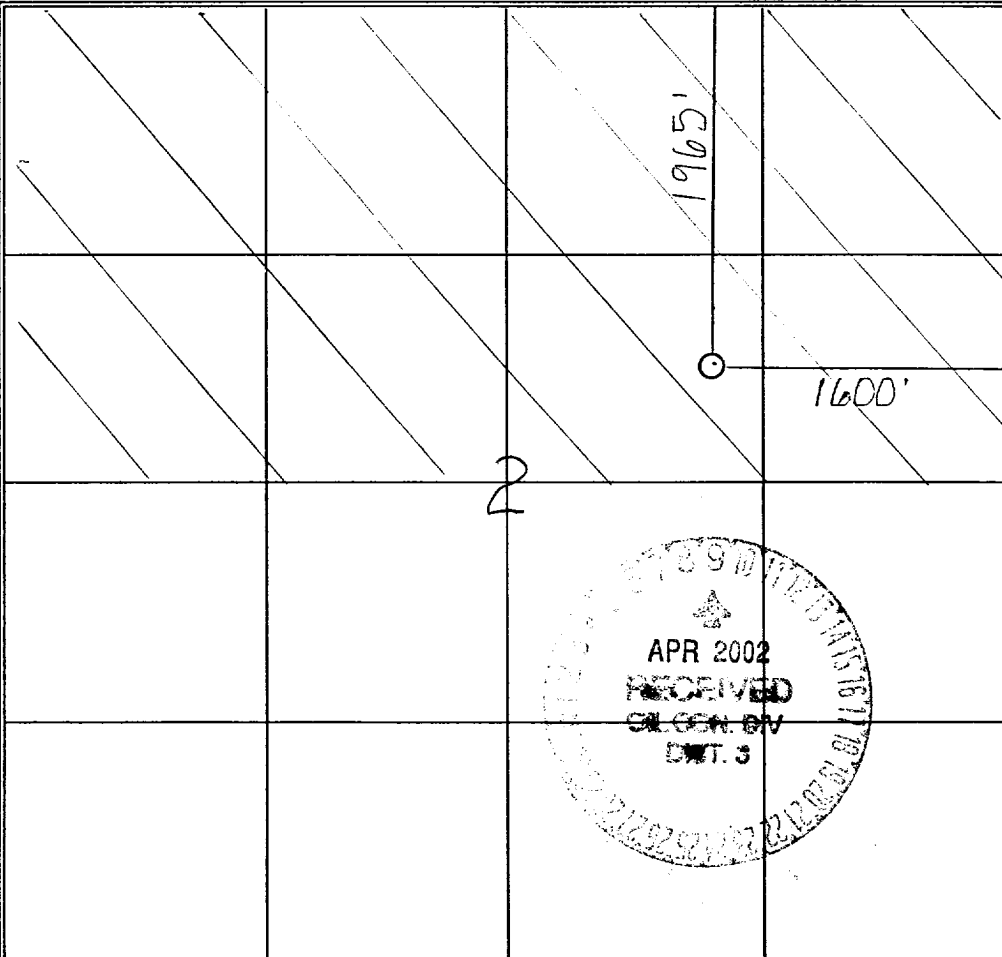
UL or lot no. G	Section 2	Township 29N	Range 10W	Lot. Idn	Feet from the 1965	North/South Line North	Feet from the 1600	East/West line East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
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	<p>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>March 22, 1999 Date of Survey</p> <p>Signature and Seal of Professional Surveyer: ORIGINAL SURVEY ON FILE NEALE L EDWARDS</p> <p>#6857 Certificate Number</p>

BOP SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

TESTING PROCEDURE

1. Test BOP after installation:

Pressure test BOP to 200-300
psig (low pressure) for 5 min.

Test BOP to Working Press or
to 70% internal yield of surf csg
(10 min).

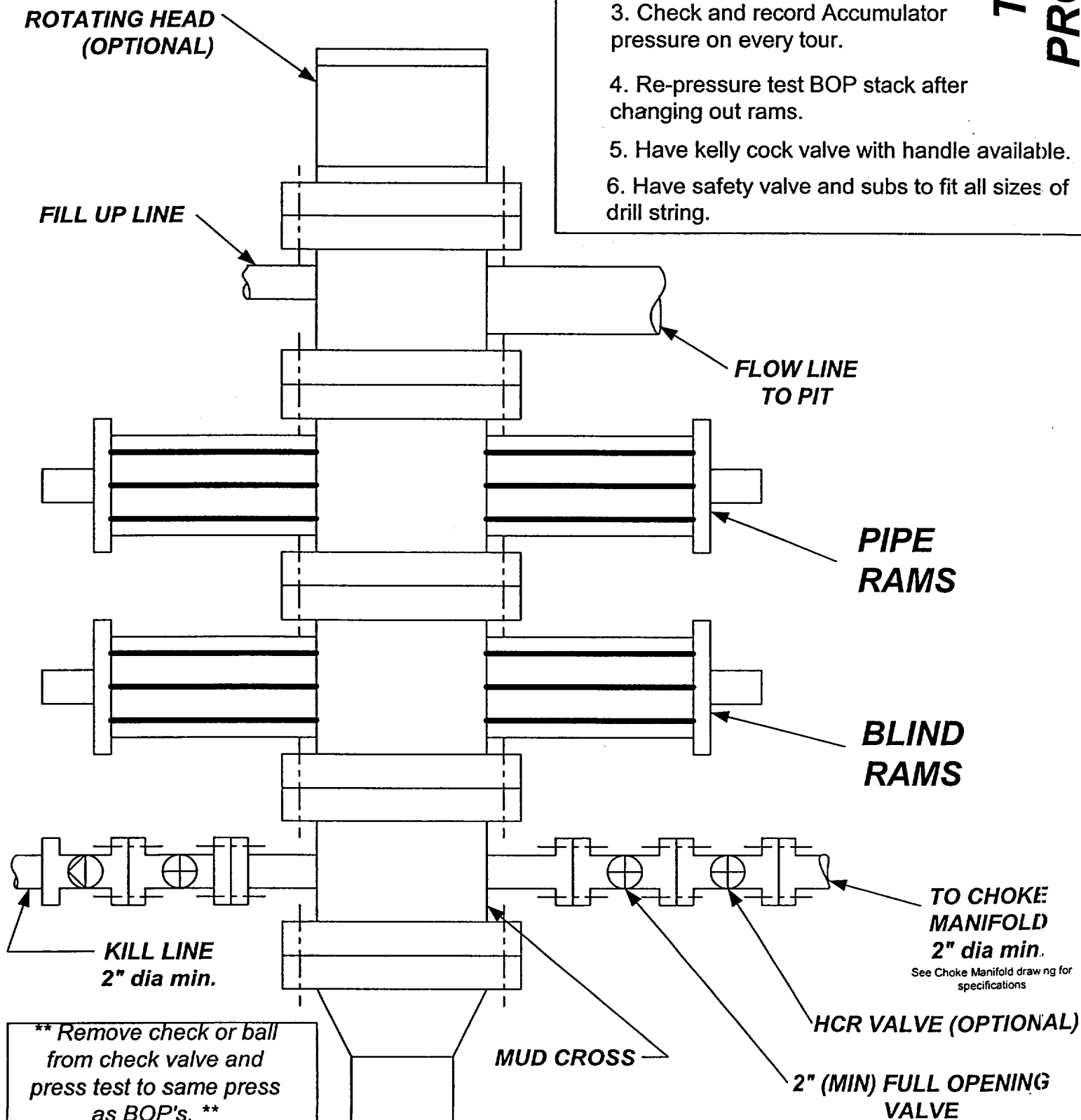
2. Test operation of (both) rams
on every trip.

3. Check and record Accumulator
pressure on every tour.

4. Re-pressure test BOP stack after
changing out rams.

5. Have kelly cock valve with handle available.

6. Have safety valve and subs to fit all sizes of
drill string.

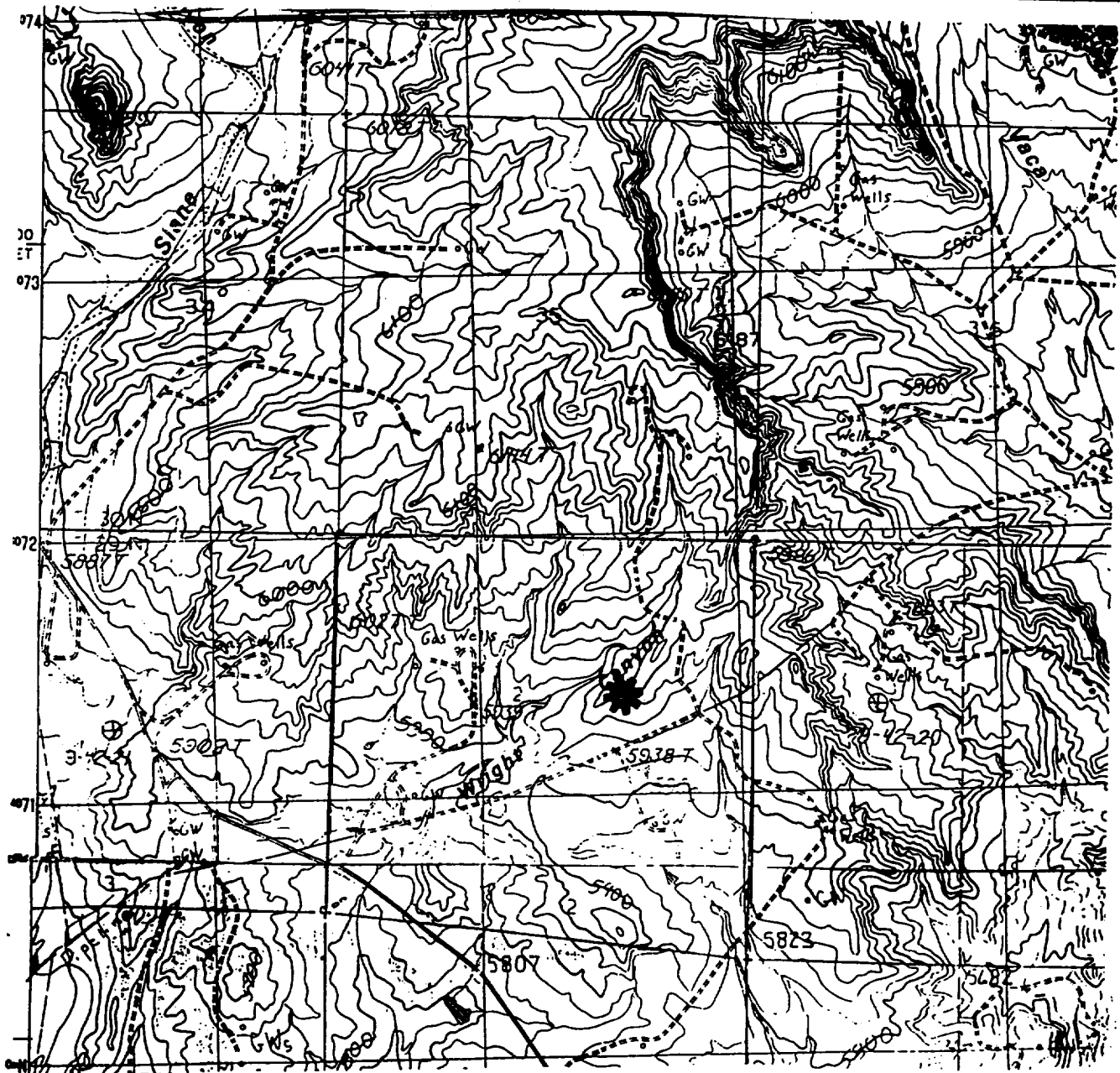


CROSS TIMBERS OPERATING COMPANY

STATE GAS COM BR #1F

1965' FNL- 1600' FEL, Sec. 2, T29N-R10W

Proposed Basin Dakota / Blanco Mesa Verde



USGS Blanco & Turley, New Mexico // 7.5' Series // Scale 1:24000