

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSubmit 8 FOR Tribal  
Interest, 7 for BLM\*  
(Other Instructions on  
reverse side)FORM APPROVED  
Budget Bureau No. 1004-0136  
Expires: February 28, 1995

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. Type of Work <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>NM-019414</b>
1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> : Single <input checked="" type="checkbox"/> Multiple <input type="checkbox"/> Zone Zone		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Cross Timbers Operating Company</b>		7. UNIT AGREEMENT NAME <b>22817</b>
3. ADDRESS AND TELEPHONE NO. <b>2700 Farmington Avenue, Bldg. K, Ste. 1, Farmington, NM 87401 505-324-1090</b>		8. FARM OR LEASE NAME, WELL NO.. <b>STANOLIND GAS COM D #2</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At Surface: <b>600' FSL - 1350' FEL</b> At proposed prod. zone:		9. API WELL NO. <b>30-045-29775</b>
14. DISTANCE IN MILES AND DIRECTIONS FROM NEAREST TOWN OR POST OFFICE <b>Please see attached Surface Use program.</b>		10. FIELD AND POOL, OR WILDCAT <b>Fruitland Coal</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. Unit line, if any.) <b>600'</b>		11. SEC., T., R., OR BLK AND SURVEY OR AREA <b>Sec. 17, T32N-R12W</b>
16. NO. OF ACRES IN LEASE <b>OIL CON. DIV. DIST. 3</b>		12. COUNTY OR PARISH 13. STATE <b>San Juan County NM</b>
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>302.63 S/2 320 ACRES</b>		
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. <b>1800'</b>		20. ROTARY OR CABLE TOOLS <b>Rotary</b>
19. PROPOSED DEPTH <b>2050'</b>		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5989' G.L. and appeal pursuant to 43 CFR 3165.4.</b>		22. APPROX. DATE WORK WILL START* <b>6/99</b>

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8", H-40	32.3#	125'	65 sx
8-3/4"	7", J-55	20.0#	2,050' +/-	320 sx

Surface 9-5/8", 32.3#, H-40, STC casing at 125'.  
65 sx of Class "B" cement w/ 2% CaCl<sub>2</sub> & 1/4 pps CelloFlake (15.6 ppg, 1.18 cu.ft./sx)  
Production 7", 20.0#, J-55, STC casing at 2,050' +/-  
Lead - 170 sx of 35:65 Poz "B" cement w/ 6% Gel, 5 pps Gilsonite, & 1/4 pps Celloflake (12.9 ppg, 1.85 cu.ft./sx)  
Tail - 150 sx of Class "B" cement w/ 5 pps Gilsonite, & 1/4 pps Celloflake (14.8 ppg, 1.33 cu.ft./sx)

Remarks: Use 25% excess over volume calculated from open hole logs to bring TOC up to surface.

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

24.

SIGNED: Loren W. Fothergill TITLE Loren W. Fothergill, Production Engineer DATE: May 5, 1999

(This space for Federal or State office use)

Permit Number:

Approval Date: JUN 9 1999

Application approval does not warrant or certify that the applicant holds legal or equitable to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY

APPROVED BY /S/ Duane W. SpencerTITLE Team Lead, Petroleum ManagementDATE JUN - 9 1999

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

NMOC

NSL-4223 (2)

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

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29775		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 22817	*Property Name STANOLIND GAS COM D		*Well Number 2
*OGRID No. 167067	*Operator Name CROSS TIMBERS OPERATING COMPANY		*Elevation 5989'

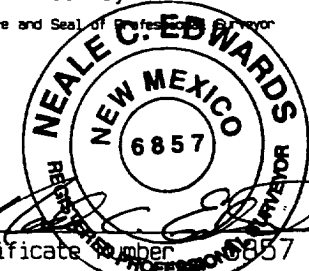
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	17	32N	12W		600	SOUTH	1350	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 302.63		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

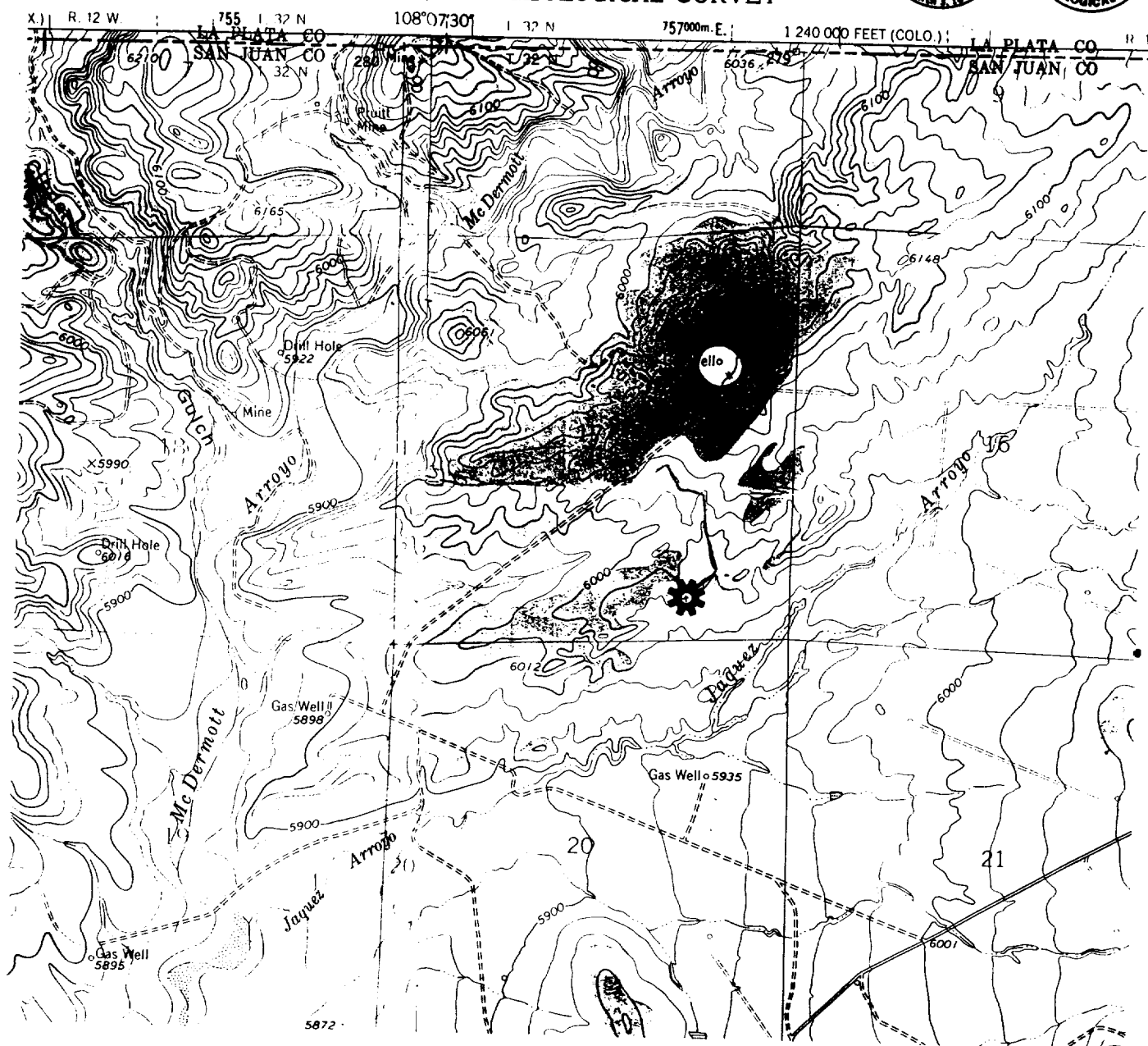
<p><sup>16</sup></p> <p>2634.72'</p> <p>2441.34'</p> <p>2635.38'</p> <p>2645.28'</p> <p>2616.90'</p> <p>2643.96'</p> <p>4996.86'</p> <p>1350'</p> <p>600'</p> <p>17</p> <p>RECEIVED JUN 14 1999 OIL CON. DIV. FEB. 3</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15</p> <p>16</p>						<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><u>Loren W. Fothergill</u> Signature Loren W. Fothergill Printed Name Production Engineer Title Date</p>	
						<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>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>JANUARY 8, 1999 Date of Survey Signature and Seal of Registered Surveyor  Certificate Number 6857</p>	

**CROSS TIMBERS OPERATING COMPANY**  
**STANOLIND GAS COM D#2**

600' FSL- 1350' FEL, Sec. 17, T32N-R12W  
Proposed Fruitland Coal Well

7.5 MINUTE SERIES (TOPOGRAPHIC)

GEOLOGICAL SURVEY



USGS Adobe Downs and LaPlata, New Mexico, CO // 7.5' Series // Scale 1:24000