Certified Mail # 7093-6206



September 5, 2000

SEP | | 200

Mr. Michael Stogner
New Mexico Oil Conservation Division 2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Application for Administrative Approval to Amend Order No. NSL-4169 to Allow For an Unorthodox Location as to the Morrison and Dakota Formations Cross Timbers Operating Company's Ute Mountain Tribal "J" #7 Well API No. 30-045-29864
575' FNL & 625' FWL (Unit D) of Section 12-T31N-R14W
San Juan County, New Mexico

Dear Mr. Stogner:

Cross Timbers Operating Company ("Cross Timbers") hereby requests administrative approval for the captioned order to be amended to allow for production from the Morrison and Dakota formations. Attached for your reference are the following exhibits:

- 1. Well location plat (NMOCD Form C-102);
- 2. Ownership map;
- 3. Copy of NMOCD Order No. NSL-4169; and
- 4. Directional drilling survey.

Cross Timbers received approval for an unorthodox gas well location in the Undesignated Ute Dome-Paradox Pool pursuant to Order No. R-4169 and subsequently spud the well on June 27, 1999, and set production casing on August 17,1999. During clean out after a fracture stimulation job, the drill string became stuck and fishing operations to recover it were unsuccessful. The top of the fish is at 7,484 feet. Current plans are to abandon the Paradox by setting a CIBP and test the Morrison and Dakota sands in this well. The NW/4 of Section 12, being 160 acres, more or less, would be a standard gas spacing and proration unit for wildcat Morrison gas production and Ute Dome-Dakota Pool gas production. Current rules state that the well should be located no closer than 660' to the outer boundary of the quarter section line. By utilizing the existing well bore for a recompletion attempt in the Morrison and Dakota sands, Cross Timbers would be able to minimize environmental impact while hopefully obtaining additional production.

As captioned above, the surface location on this well is 575' FNL & 625' FWL. At a bottom-hole true vertical depth of 8,678' the footages are 237' FNL and 628 FWL. This natural drilling deviation occurred due to a fault to the north of this well. At a true vertical depth of 3,608' the footages are 277' FNL and 657' FWL. This was our tie in point for directional tools during drilling operations---see attached directional survey. Cross Timbers will be completing sands in the Morrison and Dakota formations from

Administrative Order NSL-4169 September 5, 2000 Page 2

2,574' to 3,436'. The bottom-hole location at 3,608' should be the most unorthodox with the remainder of the wellbore being between the surface location and this location.

The NW/4 of Section 12 and all adjoining 160 acre spacing units are on leases granted by the Ute Mountain Ute Tribe to Amoco and are now 100% owned by Cross Timbers; therefore, there are no other offset operators to notify. However, we are notifying the Tribe and the BLM

In summary, Cross Timbers would like to request that the captioned Unorthodox Location Order be amended to allow for production from the Morrison and Dakota formations based on the information stated above. If additional clarification or information is needed, please call me at (817) 885-2661.

Your consideration in this matter is appreciated.

Very truly yours,

im Weld

Tim Welch

Senior Landman

Cross Timbers Operating Company

cc: Mr. Gordon Hammond

Ute Mountain Ute Tribe

P.O. Box 42

Towaoc, Colorado 81334

Mr. G.D. Simon

Data Consultants Incorporated

P.O. Box 14749

Albuquerque, New Mexico 87191

Bureau of Land Management

San Juan Resource Area

15 Burnett Court

Durango, Colorado81301-3647

Certified Mail # 7093-6213

Certified Mail # 7093-6220

Certified Mail # 7093-6237

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

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

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

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

State of New Mexico Energy, Minerals & Natural Resources Department

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

Form C-102 Revised February 21, 1994 Instructions on back

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

AMENDED REPORT

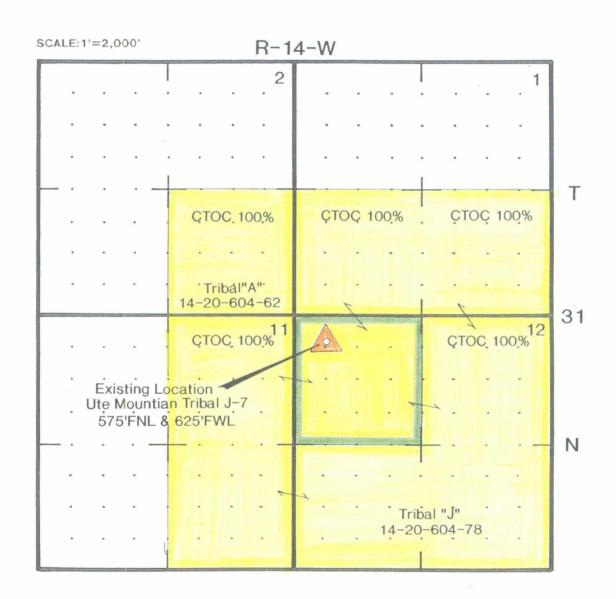
WELL LOCATION AND ACREAGE DEDICATION PLAT

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Cross Timbers Oil Company

Ownership Map for all Formations Ute Mountain Tribal J-7 Well, NW/4 of Section 12, T-31-N, R-14-W

STATE: New Mexico	county: San Juan
PROSPECT: NW/4=160Acres Gas S	Spacing and Proration Unit. DATE: 9/5/2000
SECTIONS: 12 BLOCK: S	SURVEY:
ACRES: TOWNSHIP: 31-N	PANCE. 14-W





NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

November 23, 1998

Cross Timbers Oil Company 810 Houston Street - Suite 2000 Fort Worth, Texas 76102-6298 Attention: Edwin S. Ryan, Jr. CC: Jeff Heyer JERRY Stabulis GARY BURCH BARRY Voigt Bobby Smith - MIDLAND

REGEIVED

DEC 0 1 1998

LAND DEPARTMENT

Administrative Order NSL-4169

Dear Mr. Ryan:

Reference is made to your application dated November 16, 1998 for Cross Timbers Oil Company to drill its proposed Ute Mountain Tribal "J" Well No. 7 at an unorthodox gas well location in order to test the Undesignated Ute Dome-Paradox Pool 575 feet from the North line and 625 feet from the West line (Unit D) of Section 12, Township 31 North, Range 14 West, NMPM, as projected into the unsurveyed Ute Mountain Indian Reservation, San Juan County, New Mexico. All of Section 12 is to be dedicated to this well in order to form a standard 640-acre, more or less, gas spacing and proration unit for this pool.

The subject application has been duly filed under the provisions of Rule 104.F of the New Mexico Oil Conservation Division Rules and Regulations.

The geologic interpretation submitted with this application indicates that a well drilled at the proposed unorthodox gas well location will be at a more favorable geologic position within the Paradox formation than a well drilled at a location considered to be standard for this 640-acre, more or less, unit.

By the authority granted me under the provisions of the special pool rules governing the Ute Dome-Paradox Pool, set forth in Division Order No. R-46, dated December 29, 1950, Division Memorandum 4-86, dated June 2, 1986, and Division Rule 104.F(2), the above-described unorthodox gas well location for the proposed Ute Mountain Tribal "J" Well No. 7 is hereby approved for gas production from the Undesignated Ute Dome-Paradox Pool.

Sincerely,

Lori Wrotenbery

Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec

U. S. Bureau of Land Management - Durango, Colorado

Schlumberger

Anadrill

Survey Calculation Sheet

	Company	Cross Tim	bers									
	Well	UTE Moun		al J#7					Mag. Decl.	11.	60	
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	2	3,855.0	3.20	105.90	-	3,834.1	-296.82	296.82 N	44.63 E	0.42		
	3	3,949.0	1.30	91.90		3,928.1	-296.07	296.07 N	48.22 E	2.09		
	4	3,979,0	2.20	98.80		3.958.0	-295.97	295.97 N	49.13 E	3.08		
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	8	4,350.0	3.10	277.20		4,328.6	-298.60	298.60 N	35.52 E	0.47		
	9	4.444.0	2.90	259.40		4.422.5	-298.48	298.48 N	30.66 E	1.01		
	10	4,538.0	2.80	258.20	94	4,516.3	-297.57	297.57 N	26.08 E	0.12		
	11	4,632.0	2.40	275.80		4,610.2	-297.30	297.30 N	21.87 E	0.94	-0.43	
	12	4,725.0	2.60	283.70		4,703.2	-298.DU	298.00 N	17.88 E	0.43		
	13	4,817.0	1,50	286.30		4.795.1	-298.85	298.85 N	14.62 E	1.09		
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	17	5,224.0	0.70	323.70		5,202.0	-298.89	298.89 N	9.33 E	0.17		
	18	5,349.0	0.10	84.70		5.327.0	-299.52	299.52 N	8.98 E	0.61		
	19	5.472.0	1.25	342.79		5.450.0	-300.81	300.81 N	8.69 E	1.04		$\overline{}$
	20	5,565.0	1.03	1.54	93	5,543.0	-302.61	302.51 N	8.42 E	0.46	-0.24	
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	23	5,843.0	1.14	356.36		5.821.0	-305.93		9.09 E	0.61		
	24	5,936.0	1.24	326.40		5.914.0	-307.69		8.48 E	0.67		
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	27	6,124.0	0.85	336.85		6.194.9	-311.79	310.28 N 311.79 N	5.41 E	0.78	-0.59	
	28	6,308.0	1.50	348.20		6.285.9	-313.58	313.58 N	4.93 E	0.76		
	29	6.402.0	0.60	318.30		6,379.9	-315.15	315.15 N	4,35 E	1.09		
	30	6,495.0	0.53	175.83		6,472.9	-315.D8	315.08 N	4.06 E	1.15		
	31	5,589.0	0.06	132.57	*	8,566.9	-314.62	314.62 N	4.13 E	0.52	-0.50	
	32	6.682.0	0.29	6.49	93	6.659.9	-314.82	314.82 N	4.19 E	0.35	0.25	
	33	6,776.0	0.92	0.11		6.753.9	-315.81	315.81 N	4.22 E	D.67		
	34	6.868.0	1.20	300.27		€.845.9	-317.03		3.39 E	1.18		
	35	5.961.0	0.24	238.94 78.14		6,938.8	-316.82	316.82 N	1.38 E	1.63	0.51	
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	39	7,338.0	1.04	37.49		7,315.8	-318.63	318.63 N	2.64 E	0.26		
	40	7,431.0	1.57	24.50		7,408.8	-320.46	320.46 N	3.69 E	0.65		
	41	7,523.0			92	7,500.8	-321.65		4.85 E	1.49		
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	43	7,716.0	0.88	64,24	-	7,693.7	-322.76		7.31 E	0.15		-
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	48	8,177.0	0.88	332.90		8,154.7	-327.64		9.77 E	0.30		
	49	8.276.0	0.97	334.30		8.253.7	-329.08		9.06 E	0.09		
	50	8.370.0	1.29	331,22		8,347.7	-330.72		8.21 E	0.35		
	51	8,462.0	1.47	325.70		8,439.6	-332.60		7.04 E	0.24	0.20	
	52	8.556.0	1.70	321.65		8.533.6	-334.69		5.50 E	0.27	0.24	
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Stogner, Michael

From:

Hayden, Steven

Sent:

Thursday, October 19, 2000 10:57 AM

To:

Stogner, Michael

Subject:

RE: 2 Burlington Tocito Orders

OK by me.

On the Crosstimbers-Ute-Mtn Tribal "J"#7 well, The pools are: Ute Dome Dakota and the Ute Dome Morrison (as an extension to the pool I am creating in the next nomenclature hearing.)

Steve

From:

Stogner, Michael

Sent:

Thursday, October 19, 2000 10:50 AM

To:

Valdes, Kathy

Cc:

Hayden, Steven

Subject:

2 Burlington Tocito Orders

drafts attached

<<File: Tocito01.doc>><<File: Tocito02.doc>>

11-14-00 community in Wilsh

Stogner, Michael

From:

Hayden, Steven

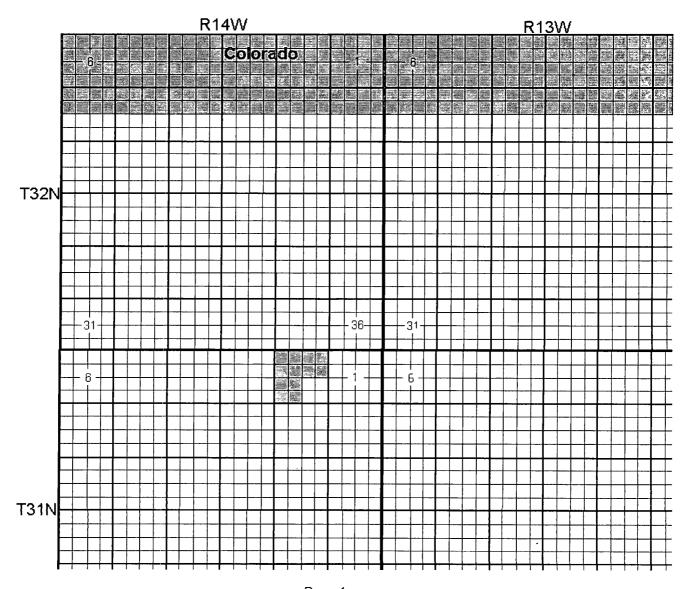
Sent:

Thursday, October 19, 2000 11:11 AM Stogner, Michael

To: Subject:

Ute Dome Morrison

San Juan County Ute Dome Morrison Gas Pool



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Description; All Sec 35 \$ 36 (R-13 3-15-50)

Ext: \$\frac{\pmathrm{F}}{2} \Sec 25 (R-4690, 12-1-73) \Ext: \frac{\pmathrm{F}}{2} \Sec 24 (R-5779, 8-1-78) =

Ext: \$\frac{\pmathrm{F}}{2} \Sec 26 \left \left \Sec 36 = \frac{\pmathrm{F}}{2} \Sec 36 = \frac{\pm

Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

	FORM APPROVED	
٠	Budget Bureau No. 1004-0135	
	Expires November 30, 2000	

5. Lease Serial No.

Ute 14-20-0604	-0078	l
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Do not use this form for	proposals to drill or to re-enter an	6. It Indian, Allottee or Tribe Name
apandoned well. Use Fort	m 3160-3 (APD) for such proposals.	Ute Mountain Ute Tribe
SUBMIT IN TRIPLICATE	Cities instructions on reversities EIVED	7. If Unit or CA/Agreement, Name and/o
Type of Well U.S.	SFP - 7 1999	
Oil X Gas Other	AUG 25 1990	8. Well Name and No.
. Name of Operator	(CO)No DU Sureau ou	Ute Mountain Tribal J #7
or ode timber o eper detring company	3b. Phone 100 Colorado	9. API Well No.
a Address 2700 Farmington Ave., Bldg K, Suite 1, Farmington, NM 8	7401 505/324-1090	30-045-29864
Location of Well (Footage, Sec., T., R., M., or Survey Descrip		10. Field and Pool, or Exploratory Area Ute Dome (Paradox)
575' FNL & 625' FWL, Unit Ltr D	•	
Sec. 12, T31N, R14W		11. County or Parish, State
	·	San Juan NM
12. CHECK APPROPRI	ATE BOX(ES) TO INDICATE NATUREOF NOTICE, REPORT	,OROTHERDATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Acidize Deepen Production	n (Start/Resume) Water Shut-Off
	Alter Casing Fracture Treat Reclamation	on Well Integrity
X Subsequent Report	Casing Repair New Construction Recomple	= = :
□ - 111 1 111 1		ily Abandon 4-1/2" casing
Final Abandonment Notice	Convert to Injection Plug Back Water Dis	7 1/2 Custing
		70341
If the proposal is to deepen directionally or recomp Attach the Bond under which the work will be per following completion of the involved operations. If	y state all pertinent details, including estimated starting date of any pro- lete horizontally, give subsurface locations and measured and true verti- formed or provide the Bond No. on file with BLM/BIA. Required su- the operation results in a multiple completion or recompletion in a ner- otices shall be filed only after all requirements, including reclamation on.)	cal depths of all pertinent markers and zone bsequent reports shall be filed within 30 day winterval, a Form 3160-4 shall be filed one
Dowell/Schlumberger & cmtd in 2 S 0.25#/sx D-29 & 0.10% D-65 (12.8 w/135 bbls fluid. Bumped plug to tool @ 3775-3779') w/300 psig. C 0.25#/sx D-29 & 2% S1 (11.4 ppg, S1 (13.5 pg, 1.71 cuft/sx). Tota (MDT), 8/17/99. Closed DV tool w	crew & ran 4-1/2", 11.6#, N-80, LTC csg and tages. First stage: 750 sx 50/50 Poz B cmt ppg, 1.55 cuft/sx). Total slurry on 1st Stag 1500 psig. Float held OK. Dropped opening irc. for 4 hrs, had good circ. Second stage: 2.87 cuft/sx), followed by 500 sx Cl B cmt w/l slurry on 2nd Stage is 3008 cuft. Disp cmt/2500 psig. Held OK. Circ 195 sx to pit. Note & cleaned pits. Rel rotary @ 11:00 am,	w/2% D-20, 0.5% D-60, ge is 1162 cuft. Disp cmt bomb & opened DV tool (DV 750 sx Cl B cmt w/2% D-79, /2% D-79, 0.25#/sx D-29 & 2% t w/59 BW. PD @ 6:00 am
Administrative Order NSL-4169		
14. Thereby costifu that the foregoing is true and conset	Title	
14. I hereby certify that the foregoing is true and correct Name(Printed/Typed)	/	
Bobby L. Smith Bobby L. Smith	Drilling/Operation	is manager.
	Dake September 1	, , , , , , , , , , , , , , , , , , ,

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject least which would entitle the applicant to conduct operations thereon. <u> ह्यारक्ष्य of Land Management</u> Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any departmentor agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

BV: TG 9/3/99

Approved by

Date

Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

CHAIDDY	NOTICES	AND	REPORTS	AN	WELL
SUNDRY	NOTICES	AND	REPURIS	UN	WHLL

FORM APPROVED						
Budget Bureau No. 1004-0135						
Expires November 30, 2000						
Landy Carial Ma						

SUNDRY NOTICES	AND REPORTS ON WELLS	Ute 14-20-0604-0078
Do not use this form for	6. If Indian, Allottee or Tribe Name	
abandoned well. Use For	Que Mountain Ute Tribe	
		. If Unit or CA/Agreement, Name and/or No
SUBMIT IN TRIPLICATE	- Other instructions on reverse side AUG 1 9 1999	4
1. Type of Well		7
Oil X Gas Other	OUL COM. DI	8. Well Name and No. Ute Mountain
2. Name of Operator	নিদেমং গ্র	Tribal J #7
Cross Timbers Operating Company		9. API Well No.
3a. Address	3b. PhoneNo. (include area code)	30-045-29864
Bldg K, Suite 1, Farmington, NM 8 4. Location of Well (Footage, Sec., T., R., M., or Survey Descrip		10. Field and Pool, or Exploratory Area Ute Dome (Paradox)
575' FNL & 625' FWL, Unit Ltr D		Tote Donie (Fai adox)
Sec. 12, T31N, R14W		11. County or Parish, State
560. 12, 151N, N14N		San Juan NM
12. CHECK APPROPR	IATE BOX(ES) TO INDICATE NATUREOF NOTICE, REPOR	
		
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Acidize Deepen Production	on (Start/Resume) Water Shut-Off
	Alter Casing Fracture Treat Reclama	tion Well Integrity
X Subsequent Report	Casing Repair New Construction Recompl	
		<u> </u>
Final Abandonment Notice	Change Plans Plug and Abandon Tempora	wily Abandon & sidetrack fish
•	Convert to Injection Plug Back Water Di	sposal <u>in hole.</u>
If the proposal is to deepen directionally or recomp Attach the Bond under which the work will be per following completion of the involved operations. If testing has been completed. Final AbandonmentN determined that the final site is ready for final inspect		tical depths of all pertinent markers and zones. ubsequent reports shall be filed within 30 days ew interval, a Form 3160-4 shall be filed once on, have been completed, and the operator has
	ne drill pipe became stuck. While attempting inability to get over fish #2, the decision	
	notified and verbal approval was given. A 22	
	back to 3637'. The cmt plug was dressed of	
tools were then run and kick-off	was obtained at approximately 4059'.	
Administrative Order NSL-4169		المعرود الإراج الإر الإراج الإراج الإرا
		RECEIVED
		JUL 27 1999
	Bure	au of Land Management Durango Colorado

I hereby certify that the foregoing is true and Name(Printed/Typed) Title Drilling/Operations Manager July 26, 1999 Date THIS SPACE FOR FEDERAL OR STATE OFFICE OFFI Date Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED					
Budget Bureau No. 1004-0135					
Expires November 30, 2000					

5.	Lease	Serial	No.
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Ute 14-20-0604-0078

Do not use this form for	proposals to drill or to repenter an	6. If Indian, Allottee or Tribe Name					
abandoned well. Use For	m 3160-3 (APD) for such proposáls.	Ute Mountain Ute Tribe					
SUBMIT IN TRIPLICATE	- Other instructions on reverse Aug 1 8 1999	7. If Unit or CATAgreement, Name and/or No					
1. Type of Well Oil X Gas Other	MIND THE	8. Well Name and No.					
2. Name of Operator		Ute Mountain					
Cross Timbers Operating Company	DIN. 3	Tribal J #7					
Ba. Address	,3b. PhoneNo. (include area code)	30-045-29864					
Bldg K, Suite 1, Farmington, NM 8		10. Field and Pool, or Exploratory Area					
4. Location of Well (Footage, Sec., T., R., M., or Survey Descrip	tion)	Ute Dome (Paradox)					
575' FNL & 625' FWL, Unit Ltr D Sec. 12, T31N, R14W		11. County or Parish, State					
	, 2 000	San Juan NM					
12. CHECK APPROPR	IATE BOX(ES) TO INDICATE NATUREOF NOTICE, REPO	RT,OROTHERDATA					
TYPE OF SUBMISSION	TYPE OF ACTIO	N					
Notice of Intent	Acidize Deepen Produc	ction (Start/Resume) Water Shut-Off					
_	Alter Casing Fracture Treat Reclan	nation Well Integrity					
Subsequent Report	Casing Repair New Construction Recom						
Final Abandonment Notice		orarily Abandon Rule Clarification					
That Abalidolinient Nouce		Disposal					
following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final AbandonmentNotices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.) Please provide clarification on minimum distance from the section line that we would be allowed on the subject well. Our current depth as of 2:00 pm (MDT), 7/29/99, was 6040' MD. Our last survey point was 6031'; inclination 0.7 deg, azimuth 316 deg, BHL 309' north and 7.5' east of the surface location. We are currently drilling with a downhole motor and MWD. We were thinking of laying down the motor on the next bit trip, which should be 7/30/99. However, that would not allow us to control the direction of the well should it keep drifing to the north as it is now. Current drift is approximately 1/2 deg per 100', essentially due north. Form our last survey point to our projected TD of 8700', assuming direction would be north, the BHL could be 651' north of the surface location. Please review this information and provide quidelines. Your instruction will help us decide if and when we can return to conventional drilling. Your cooperation is appreciated.							
)U(L 7-7)-11 But	AUG 5 1999					
14. I hereby certify that the foregoing is true and correct Name(Printed/Typed)	Title	Durango Colorado					
Bobby L. Smith Bobby L	Smith Drilling/Operati	ions Manager					
<u> </u>	Date July 29, 1999						
: THIS	SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved by	Title	Date					
Conditions of approval, if any, are attached. Approval of certify that the applicant holds legal or equitable title to which would entitle the applicant to conduct operations ther	those rights in the subject lease						

Schlumberger

Anadrill

Survey Calculation Sheet

	Company	Cross Timbers						_		
	Well	UTE Mountain Trib	al J#7			•		Mag. Decl.	11.60	
	Field	San Juan County,	NM					Target TVD	8,700	
	Rig	Key # 54						Target Az.	180.00	
	Anadrill D.D.	A. AGUILAR						Tgt. Coor.	ST-001	
Data	No	DEPTH INC	A 7 M	ICII	TVO	VC	N/C	I EAN I	DIS BID DI	<u> </u>

^	Alladill D.D. A. AGUILAK				ig. 6501							
Date	No.	DEPTH	INC.	AZM	C.L.	T.V.D.	V.S.	N/S	EW	DLS	B./D.	ВНА
Tle - In		3,628.0	3,20	72.20		3,607.5	-298.16	298.16 N	32.45 E			
	1	3,792.0	3.30	110.20	164	3,771.2	-297.93	297.93 N	41.24 E	1.29	0.06	
	2	3,855.0	3.20	105.90	63	3,834.1	-296.82	296.82 N	44.63 E	0.42	-0.16	
	3	3,949.0	1.30	91.90	94	3,928.1	-296.07	296.07 N	48.22 E	2.09	-2.02	
	4	3,979.0	2.20	98.80	30	3,958.0	-295.97	295.97 N	49.13 E	3.08	3.00	
	5	4,074.0	0.70	255.70	95	4,053.0	-295.55	295.55 N	50.37 E	3.01	-1.58	
	6	4,166.0	4.20	284.40	92	4,144.9	-296.24	296.24 N	46.56 E	3.91	3.80	
	7	4,257.0	3.40	282.80	91	4,235.7	-297.67	297.67 N	40.70 E	0.89	-0.88	_
	8	4,350.0	3.10	277.20	93	4,328.6	-298.60	298.60 N	35.52 E	0.47	-0.32	
	9	4,444.0	2.90	259.40	94	4,422.5	-298.48	298.48 N	30.66 E	1.01	-0.21	
	10	4,538.0	2.80	258.20	94	4,516.3	-297.57	297.57 N	26.08 E	0.12	-0.11	
	11	4,632.0	2.40	275.80	94	4,610.2	-297.30	297.30 N	21.87 E	0.94	-0.43	
	12	4,725.0	2.60	283.70	93	4,703.2	-298.00	298.00 N	17.88 E	0.43	0.22	
	13	4,817.0	1.60	286.30	92	4,795.1	-298.85	298.85 N	14.62 E	1.09	-1.09	
	14	4,912.0	0.90	267.80	95	4,890.1	-299.20	299.20 N	12.60 E	0.84	-0.74	
	15	5,005.0	0.70	241.50	93	4,983.1	-298.90	298.90 N	11.38 E	0.44	-0.22	
	16	5,099.0	0.60	252.40	94	5,077.0	-298.47	298.47 N	10.40 E	0.17	-0.11	
	17	5,224.0	0.70	323.70	125	5,202.0	-298.89	298.89 N	9.33 E	0.61	0.08	
	18	5,349.0	0.10	84.70	125	5,327.0	-299.52	299.52 N	8.98 E	0.61	-0.48	
	19	5,472.0	1.25	342.79	123	5,450.0	-300.81	300.81 N	8.69 E	1.04	0.93	
	20	5,565.0	1.03	1.64	93	5,543:0	-302.61	302.61 N	8.42 E	0.46	-0.24	
	21	5,657.0	0.52	44.06	92	5,635.0	-303.74	303.74 N	8.73 E	0.80	-0.55	
	22	5,751.0	0.60	7.40	94	5,729.0	-304.53	304.53 N	9.09 E	0.38	0.09	
	23	5,843.0	1.14	356.36	92	5,821.0	-305,93	305.93 N	9.09 E	0.61	0.59	
	24	5,936.0	1.24	326.40	93	5,914.0	-307.69	307.69 N	8.48 E	0.67	0.11	
	25	6,031.0	0.70	315.90	95	6,009.0	-308,96	308.96 N	7.51 E	0.60	-0.57	
PROJ	26	6,100.0	1.05	360.00	69	6,077.9	-309,89	309.89 N	7.21 E	1.06	0.51	
	27	6,200.0	1.55	360.00	100	6,177.9	-312.16	312.16 N	7.21 E	0.50	0.50	
	28	6,300.0	2.05	360.00	100	6,277.9	-315.30	315.30 N	7.21 E	0.50	0.50	
	29	6,400.0	2.55	360.00	100	6,377.8	-319.32	319.32 N	7.21 E	0.50	0.50	
	30	6,500.0	3.05	360.00	100	6,477.7	-324.20	324.20 N	7.21 E	0.50	0.50	
	31	6,600.0	3.55	360.00	100	6,577.5	-329.96	329.96 N	7.21 E	0.50	0.50	
	32	6,800.0	4.55	360.00	200	6,777.0	-344.08	344.08 N	7.21 E	0.50	0.50	
	33	7,000.0	5.55	360.00		6,976.2	-361.69	361.69 N	7.21 E	0.50	0.50	
	34	7,200.0	6.55	360,00	200	7,175.1	-382.77	382.77 N	7.21 E	0.50	0.50	
	35	7,400.0	7.55	360.00	_	7,373.6	-407.31	407.31 N	7.21 E	0.50	0.50	
	36	7,600.0	8.55	360.00		7,571.6	-435.32	435.32 N	7.21 E	0.50	0.50	
	37	7,800.0	9,55	360.00		7,769.1	-466.78	466.78 N	7.21 E	0.50	0.50	
	38	8,000.0	10.55	360.00	_	7,966.1	-501.68	501.68 N	7.21 E	0.50		
	39	8,200.0	11.55	360.00		8,162.3	-540.01	540.01 N	7.21 E	0.50		
	40	8,400.0	12.55	360.00		8,357.9	-581.77	581.77 N	7.21 E	0.50		
	41	8,600.0	13.55	360.00		8,552.8	-626,93	626.93 N	7.21 E	0.50		
	42	8,700.0	14.05	360.00	100	8,649.9	-650.78	650.78 N	7.21 E	0.50	0.50	<u> </u>
	43					•				<u> </u>		l

Assumes 1/2° per 100' build rate, all due north.

and the same of th	•	/ *	7.4 + 1	•	
av 1 1004)	TED STATES		· · ·	FORM AP Budget Bureau I	
DEFARTMEN	T OF THE INTERIOR			Expires Nover	mber 30, 2000
一一一一	AND MANAGEMEN	850	EIVED	5. Lease Serial No.	0070
SUNDAY NOTICES	AND REPORTS ON V		LM	Ute 14-20-0604- 6. If Indian, Allottee of	
2 ODA use this form for pabandoned well. Use Form	proposals to drill or to re n 3160-3 (APD) for suc	e-enter an	6 PM 3:54	Ute Mountain Ut	
2 GOLIN DUVO		<u>99 JUL - </u>	5 FIT 3: J4	7. If Unit or CA/Agree	
(0)1115 STATE 3	Other instructions on re	everse side 	HNGTON, NM	•	
Oil Gas		0,0 ,,		8. Well Name and No.	
2. Name of Operator				Ute Mountain	•
Cross Timbers Operating Company				Tribal J #7 9. API Well No.	
3a. Address 2700 Farmington Ave.,	· · · · · · · · · · · · · · · · · · ·	Phone No tinclude a	rea code)	30-045-29864	
		/324-1090	Ellien	10. Field and Pool, or	
 Location of Well (Footage, Sec., T., R., M., or Survey Descrip 575' FNL & 625' FWL, Unit Ltr D 	tion)	#	AED	Ute Dome (Parac	lox)
Sec. 12, T31N, R14W		JUL 1	2 1999	11. County or Parish,	Stato
566. 12, 102H, KIH	E	Bureau of L	- 1779	San Juan	NM
12. CHECK APPROPRIA	ATE BOX(ES) TO INDICA	Bureau of Larro ATE Qurent 85	NOTICE CREECET.	OR OTHER DATA	
TYPE OF SUBMISSION	ATE BOX(ES) TO INDICA	~"90 C	TYPE OF ACTION		
Notice of Intent	Acidize	Deepen		(Start/Resume)	Vater Shut-Off
	Alter Casing	Fracture Treat	Reclamation		/ell Integrity
X Subsequent Report	Casing Repair	New Construction	\equiv	품	Other Spud and
		=		- 	
Final Abandonment Notice	Change Plans	Plug and Abando	=		ace Casing
	Convert to Injection	Plug Back	Water Disp	osal	
13. Describe Proposed or Coommpleted Operation (clearly lift the proposal is to deepen directionally or recomp Attach the Bond under which the work will be perfollowing completion of the involved operations. If testing has been completed. Final Abandonment No determined that the final site is ready for final inspection.	lete horizontally, give subsurfi formed or provide the Bond the operation results in a mu ptices shall be filed only after	ace locations and me No. on file with BL Itiple completion or	easured and true vertice. M/BIA. Required subsection in a new	cal depths of all pertiner bsequent reports shall be v interval, a Form 3160	nt markers and zones. I filed within 30 days -4 shall be filed once
MIRU Key Energy Services Rig #54. to 857'. Ran new 8-5/8", 24#, Jcmt w/2% D79, 2% CaCl ₂ , 1/4#/sx ccCl B cmt w/2% CaCl, 1/4#/sx cello Plug down @ 7:15 am, 6/29/99. Bu Circ 101 sx cmt to surface. Cut to drill out cement w/7-7/8" bit	55, STC csg & set (elloflake (11.4 pp flake (14.8 ppg, 1 mped plug to 500 p off csg. WOC 26 h	9 857'. RU D g, 2.87 cuft/ .34 cuft/sx, sig (400 psig	owell/Schlumbe sx, 17.63 gals 6.29 gals wtr/ over final di	erger & cmt'd wa s wtr/sx) follow /sx). Disp cmt isp press). Flo	/175 sx C1 B wed w/150 sx w/52 BFW. pat held OK.
Administrative Order NSL-4169					
					•
14. I hereby certify that the foregoing is true and correct		Title			
Name (PrintedTyped) Bobby L. Smith	meth		ling/Operation	ns Manager	
			-1199FOR R		
THIS	SPACE FOR FEDERA				
Approved by		Title y: To	7/19/99	Date	
Conditions of approval, if any, are attached. Approval of certify that the applicant holds legal or equitable title to	those rights in the subject le	01 00000 - 1	CON HASOUICE	9 A798	<u></u>
which would entitle the applicant to conduct operations thereon.		<u> </u>	u of Land Me	YUBÖSIII.e.ir	
Title 18 U.S.C. Section 1001, makes it a crime for any fraudulent statements or representations as to any matter within					any false, fictitious of

Form 3160-3 (July 1992)

UNITED STATES

1.第7代战斗

DEPARTMENT OF THE INTERIOR

Submit 8 FOR Tribal Interest, 7 for BLM* FORM APPROVED

buuyet bu	reau 140.	1004-0130
Expires:	February	28, 1995

				The state of the s	Manager 20 2006)			
		BUREAU OF LAND N	MANAGEM	ENT	المسلام المسلام	5. LEASE DESK	SNATION A	ND SERIAL NO.
				1AM 0 5 10	an	Ute 14-2	20-0604	4-0078
	APPLIC	ATION FOR PERI	OT TIN	DRILL OR DEEPEN	77	6. IF INDIAN, AL	LOTTEE O	R TRIBE NAME
				Bureau of Land Men	Significant from 1	Ute Mour	ıtain Ute	Tribe
		K 7		Durango Colora	ria	7. UNIT AGREE	MENT NAM	E 25C
la.	Type of Work DF	RILL 🔀	DI	EEPEN				3284
lb.	TYPE OF WELL					8. FARM OR LE	ASE NAME	WELL NO
	OIL WELL GAS W	VELL OTHER		Single X	Multiple		UNTAI	N TRIBAL J
	OIL ALCEE [] GVO A	ACCE EZ OWEN		Zone		#7		
-	NAME OF OPERATOR			2000	Zone	9. API WELL NO	D.	-6 + (
•	Cross Timbers Oper	rating Company			FINE	D 30-	_	-29X64
3.	ADDRESS AND TELEPHON					10 FIELD AND P	OOL, OR W	/ILDCAT
	6001 Highway 64, F	armington, NM 87	7401 91	5/682-8873 Mark Charge				OX EXT
4.	LOCATION OF WELL (Repo				- 5 1999	11. SEC., T.,R., C		
		575'FNL - 625'	ESA/I	@ !!! (@@	on ca	AND SURVEY		
	At Surface: At proposed prod. zone>	3/3 FINE - 023	LAAL		DN. DU	D Sec. 12,	T31N-	·R14W
14.	DISTANCE IN MILES AND D	DIRECTIONS FROM NEAR	EST TOWN	OR POST OFFICE	M. 3	42 COUNTY OF	PARISH	13. STATE
			Ann	roval of this agreemen	N does not			
F	Please see attached	Surface Use Progr	am. war	rant or certify that the	operator	San Juan C	county	NM
15.	DISTANCE FROM PROP		16 1881	ent and other holders	or operation	. NO. OF ACRES	ASSIGNED	TO THIS WELL
	NEAREST PROPERTY OF	, , ,	righ	ts hold legal or equita	ble title			82
	to nearest drlg. Unit line, if	any.)	to t	nose rights in the subj	ect lease			
	575'		<u>whi</u>	ch are committed here)		640	
	DISTANCE FROM PROPO		19. PROP	OSED DEPTH	20). ROTARY OR CA	BLE TOOLS	3
	REST WELL, DRILLING, COI ON THIS LEASE, FT.	MPLETED OR APPLIED						
٠, ١,		Į.		8700'			Potan	,
				0700			Rotary	
21.	ELEVATIONS (Show whether	r DF, RT, GR, etc.)		ON MILAN	d sproved to	22 APPR	DX. DATE V	VORK WILL START*
		61	108' G.L.				1,	/99
_				ED CASING AND CEMENTIN	IG PROGRAM			
_	SIZE OF HOLE	GRADE, SIZE OF C		WEIGHT PER FOOT		NG DEPTH	AAUQ	ITITY OF CEMENT
	12-1/4"	J-55, 8-5/8		24#		350'	1	-360 sxs Su
	7_7/9"	1-55 / 1/2		10.6#		700'	 	1200 000

Surface Lead: 260 sx of 35:65 Pozmix/Class 'H' cement w/8% Gel, 6 pps Gilsonite, 7 1/4 pps Celloflake (11.8 ppg, 2..26

cu.ft/sx, 12.32 gal/sx wtr.). Tail: 100 sx Class 'H' cement w/2% CaCl (15.6 ppg, 1.20 cu.ft./sx, & 5.25 gal/sx wtr.). Production 1st Stage Lead: 700 sx of Class 'H' cement w/0.6% FL-52 (15.6 PPG, 1.18 cu.ft./sx, 7 5.21 gal/sx wtr.) Estimate TOC @ +/-6000'. 2nd Stage Lead: 450 sx of 35:65 Pozmix/Class 'H' cement w/8% gel, 6 pps Gilsonite and ½ pps Celloflake)11,9 ppg, 2.26 cu.ft./sx, & 5.25 gal/sx wtr.). top of tail slurry to be +/-2500'.

Remarks: Use 20% excess over volume calculated from open hole logs to bring cement to +/-6000' on the 1st stage & to the surface on the 2nd stage.

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

24.	SIGNED:	my I Markets	THILE Gary L. Marke	estad, P.E., VP	Production		DATE: Jar	1 4, 1999
	<u> </u>	ral or State office use)				APPR	OVED FOR	A PERIOD
	Application approval do operations thereon. CONDITIONS OF A	e not warrant or certify that the ap	plicant holds Steer AUTINA CONDITIONS OF	CHEDghts in the s APPROVAL	bject lease which woul	d enume the	applicant to con	duct EAR
	APPROVED BY	Ilyse K. Auringer	TITLE	MMERALS S	TAFF CHIEF	DATE	MAR 1	1999
litte o ar	18 U.S.C. Section 1001, making matter within its jurisdiction	kes it a crime for any person knowingly	and willfully to make to any departr	ment or agency of the Unite	es States any false, fictitious	s or fraudulen	t statements or rep	resentations as

See Instruction on Reverse Side





Form C-102 State of New Mexico PO Box 1980. Hobbs, NM 88241-1980 Revised February 21, 1994 Energy, Minerals & Natural Resources Department Instructions on back - Submit to Appropriate District Office PO Drawer DD, Artesia, NM 88211-0719 State Lease - 4 Copies OIL CONSERVATION DIVISION Fee Lease - 3 Copies PO Box 2088. District III 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe. NM 87504-2088 AMENDED REPORT District IV PO Box 2088, Santa Fe. NM 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code 'Pool Name UTE DOME PARADOX EXT 86760 Well Number Property Name Property Code UTE MOUNTAIN TRIBAL J 7 Elevation OGRID No. *Operator Name 167067 CROSS TIMBERS OPERATING COMPANY 6108 ¹⁰ Surface Location UL or lot no. Section Lot Idn Township Feet from the North/South line County Feet from the East/West line D 12 31N 14W 575 NORTH 625 WEST SAN JUAN ¹¹Bottom Hole Location If Different From Surface UL pr lot no. Feet from the County Section Township Lot Idn North/South line Feet from the 12 Dedicated Acres ¹³Joint or Infill ⁵⁴ Consolidation Code ¹⁵ 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 15 17 OPERATOR CERTIFICATION 2640.001 1320.00 1684.32 Ū I hereby centify that the information contained herein is true and complete to the best of my knowledge and belief 5 1 625 Signature Gary L. Markestad COM. DIV. Printed Name Vice President/Production 2 Title 5280.00 Date 5279 "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. 3

SEPTEMBER 21

4

1613.04

1320.00

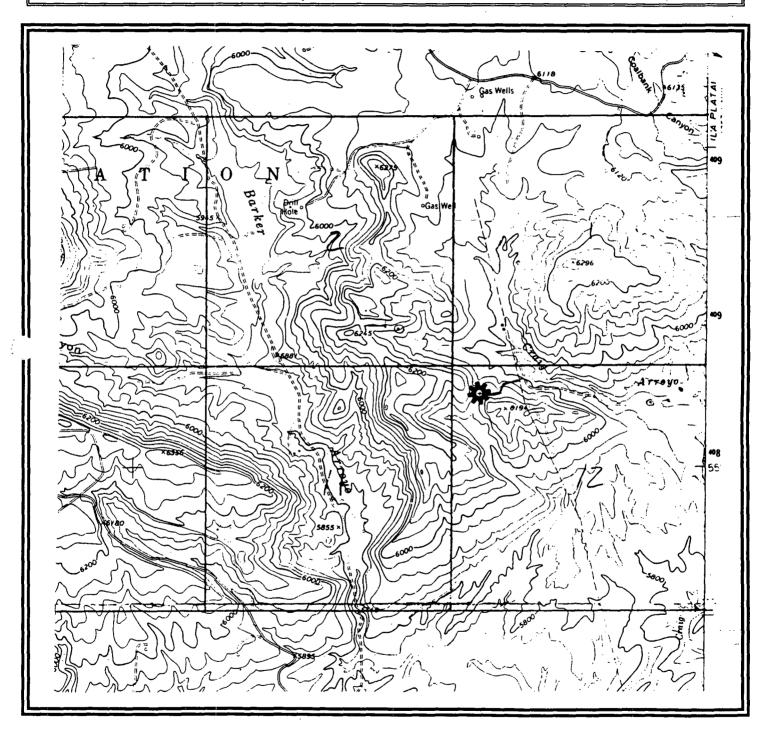
2640.00

EC.EDW

W MEXIC F (6857) 1998

CROSS TIMBERS OPERATING COMPANY UTE MOUNTAIN TRIBAL J #5

575' FNL- 625' FWL, Sec. 12, T31N-R14W Proposed Ute Dome Paradox Well



Ute Mountain Tribal J #7 Drilling Prognosis Page 3 of 4

Catch 10' samples from $6{,}500$ ' to $8{,}700$ ' (TD). Send 1 set of dry samples to CTOC in Ft. Worth.

Open Hole Resistivity

Array Induction/GR/SP/Cal

Bottom of Surface Casing to TD.

Porosity

Compensated Neutron-Lithodensity/GR/Cal/Pe

2,400' - 3,000' 6,500' - 8,700'

Other

Microlog

6,500' - 8,700'

7. FORMATION TOPS:

Formation	Subsea Depth	Well Depth
Point Lookout Ss	+5530'	592'
Mancos Shale	+5250'	872'
Gallup	+4330'	1792'
Greenhorn Shale	+3636	2486'
Grancros Shale	+3575'	2547'
Dakota Ss	+3500'	2622'
Burro Canyon Ss	+3324'	2798'
Morrison Ss	+3264'	2858'
Entrada Ss	+2540'	3582'
Chinle	+2077'	4045'
Permian, Cutler	+1142'	4980'
Pennsylvanian, Hermosa	-540'	6662'
Paradox Formation		
Ismay	-1575'	7697'
Desert Creek	-1768'	7890'
Akah	-1900'	8022'
Barker Creek	-2070'	8192'
Lower Barker Creek	-2230'	8352'
Alkalai Gulch	-2300'	8690'
Molas	-2568'	8690'
TD	-2578'	8700'