

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTRECEIVED  
ELECTRONIC REPORT

APR 19 2017

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
I22IND27726. If Indian, Allottee or Tribe Name  
UTE MOUNTAIN UTE

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2**8. Well Name and No.  
UMU 229. API Well No.  
30-045-29395-00-S110. Field and Pool or Exploratory Area  
BARKER DOME11. County or Parish, State  
SAN JUAN COUNTY, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
XTO ENERGYContact: CHERYLENE WESTON  
E-Mail: cherylene\_weston@xtoenergy.com3a. Address  
382 CR 3100  
AZTEC, NM 874103b. Phone No. (include area code)  
Ph: 505-333-3190

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 17 T32N R14W SWNE 2000FNL 1925FEL  
36.989706 N Lat, 108.330167 W Lon**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

XTO Energy Inc. proposes to recompleate the Ute 22 well in the Paradox per the attached completion procedure. This recompleation adds the Honaker Trail and re-perforates the Ismay, Desert Creek and Akah intervals.

Attached is the procedure and wellbore diagrams.

OIL CONS. DIV DIST. 3

MAY 15 2017

SEE ATTACHED  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #373345 verified by the BLM Well Information System

For XTO ENERGY, sent to the Durango

Committed to AFMSS for processing by BARBARA TELECKY on 04/20/2017 (17BDT0178SE)

Name (Printed/Typed) CHERYLENE WESTON

Title SR. PERMITTING ANALYST

Signature (Electronic Submission)

Date 04/19/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

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.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISE

If perforations are above or below  
existing perfs please file: c-104 and  
Completion Report to include new perfs  
before returning to production

NMOCD

20

Ute #22  
 Section 17, T 32 N, R 14 W / API 30-045-29395  
 San Juan County, New Mexico  
 February 27, 2017  
**PARADOX COMPLETION PROCEDURE**

**AFE #s:** Honaker Trail (1604788), Ismay (1604975), Desert Creek (1604976), Akah (1604977)  
**Surf csg:** 8-5/8", 24.0#, K-55 @ 893'.  
**Prod csg:** 5-1/2", 17.0#, L-80 @ 8,529'.  
**PBTD:** 8,479'  
**Perfs:** Abandoned Perfs:  
 Ismay: 7,964' – 7,970', Desert Creek: 8,138' – 8,165', Akah: 8,310' – 8,418'

**WARNING:** The Paradox formation produces H<sub>2</sub>S and CO<sub>2</sub>. Ensure that all necessary monitoring equipment and personnel are on location for all operations. All personnel on location must have H<sub>2</sub>S safety training, must be clean shaven, and must be capable of using an SCBA. All flow equipment must be rated for sour gas.

**NOTES:** Add Gas-Perm or M-844 (2 gal/Mgal) to all 2% KCl water.  
 Re-fill tanks as needed during job.  
 Set tubing plugs in tubing as needed to TOH and TIH.

1. Set 1 – 400 bbl flowback tank.
2. Set 3 – 400 bbl frac tanks filled with 2% KCl water.
3. MI +/- 8,500' 2-7/8", 6.5#, N-80 work-string, 12 – 3-1/8" DC, 4-3/4" bits, and bit sub.
4. MIRU PU.
5. ND WH. NU 5K, H<sub>2</sub>S-trimmed BOP and H<sub>2</sub>S-trimmed kill spool.

**STAGE 1: Akah**

6. MIRU WL. RIH with 3-1/8" slick gun and perforate Akah with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 94 holes). POH. RD WL.

PERFORATIONS				
Top	Bottom	Feet	SPF	Holes
8,315'	8,336'	21	2	42
8,370'	8,382'	12	2	24
8,404'	8,418'	14	2	28
TOTALS		47		94

7. TIH with 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set packer at 8,260'. Install 2-9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.



8. RU acid equipment. BD and EIR into Akah perms from 8,315' – 8,418' down 2-7/8" work-string with 2% KCl water at 5 – 15 BPM. SD 15 minutes. Acidize Akah perms from 8,315' – 8,418' with 9,000 gal 20% SWIC II acid. After pumping 1,800 gal acid, beginning dropping 94 – 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perms and flush acid with 2,050 gal 2% KCl water (top perf) at 5 – 15 BPM (as high of rate as possible). Shut down. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

PUMP SCHEDULE			
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	20% SWIC II acid	9,000	5 - 15
Flush	2% KCl water	3,100	5 - 15
		14,600	

9. ND frac valve assy. Release packer. TOH with 2-7/8" work-string and packer.
10. RU WL. RIH with 10K CBP & 3-1/8" slick gun. Set CBP at 8,270'.

### *STAGE 2: Desert Creek & Lower Ismay*

11. Load casing with 2% KCl water and pressure test CBP to 4,000 psig.
12. RIH with 3-1/8" slick gun and perforate Desert Creek & Lower Ismay with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 78 holes). POH. RD WL.

PERFORATIONS				
Top	Bottom	Feet	SPF	Holes
8,080'	8,086'	6	2	12
8,096'	8,100'	4	2	8
8,102'	8,104'	2	2	4
8,107'	8,109'	2	2	4
8,115'	8,117'	2	2	4
8,138'	8,140'	2	2	4
8,143'	8,149'	6	2	12
8,157'	8,163'	6	2	12
8,198'	8,207'	9	2	18
TOTALS		39		78

13. TIH with 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set packer at 8,030'. Install 2-9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.
14. RU acid equipment. BD and EIR into Desert Creek & Lower Ismay perms from 8,080' – 8,207' down 2-7/8" work-string with 2% KCl water. SD 15 minutes. Acidize Desert Creek & Lower Ismay perms from 8,080' – 8,207' with 10,000 gal 20% SWIC II acid. After pumping 2,000 gal acid, beginning dropping 78 – 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perms and flush acid with 2,000 gal 2% KCl water (top perf) at 5 – 15 BPM (as high of rate as possible). Shut down. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

PUMP SCHEDULE			
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	20% SWIC II acid	10,000	5 - 15
Flush	2% KCl water	3,050	5 - 15
		15,550	

15. ND frac valve assy. Release packer. TOH with 2-7/8" work-string and packer.
16. RU WL. RIH with 10K CBP & 3-1/8" slick gun. Set CBP at 8,050'.

### STAGE 3: Upper Ismay & Honaker Trail

17. Load casing with 2% KCl water and pressure test CBP to 4,000 psig.
18. RIH with 3-1/8" slick gun and perforate Upper Ismay & Honaker Trail with Owen SDP-3125-411NT4 charges (2 SPF, 21 gm, 120 phasing, 0.36" EHD, 42.45" pen, 54 holes). POH. RD WL.

PERFORATIONS				
Top	Bottom	Feet	SPF	Holes
7,845'	7,848'	3	2	6
7,929'	7,933'	4	2	8
7,958'	7,961'	3	2	6
7,964'	7,970'	6	2	12
7,989'	7,992'	3	2	6
7,997'	7,999'	2	2	4
8,003'	8,005'	2	2	4
8,007'	8,009'	2	2	4
8,011'	8,013'	2	2	4
TOTALS		27		54

19. TIH with 5-1/2" x 2-7/8" 10K treating packer, 2-7/8" "F" nipple, and 2-7/8" work-string. Set packer at 7,790'. Install 2-9/16" bore 10K frac valve assembly on tubing and NU on top of BOP.
20. RU acid equipment. BD and EIR into Upper Ismay and Honaker Trail perfs from 7,845' - 8,013' down 2-7/8" work-string with 2% KCl water. SD 15 minutes. Acidize Upper Ismay and Honaker Trail perfs from 7,845' - 8,013' with 12,500 gal 20% SWIC II acid. After pumping 2,500 gal acid, beginning dropping 54 - 7/8" RCN balls. Space out evenly through the remaining acid. Surge balls off perfs and flush acid with 1,950 gal 2% KCl water (top perf) at 5 - 15 BPM (as high of rate as possible). Shut down. Record ISIP, 5 minute, 10 minute, and 15 minute SIP's. Pump an additional 25 bbls 2% KCl water. SD. RD acid equipment.

PUMP SCHEDULE			
Stage	Fluid	Volume (gal)	Rate (BPM)
LD & B	2% KCl water	2,500	5 - 15
Acid	20% SWIC II acid	12,500	5 - 15
Flush	2% KCl water	3,000	5 - 15
		18,000	



21. ND frac valve assy. Release packer. TOH with 2-7/8" work-string and packer.
22. TIH with 4-3/4" mill-tooth bit, bit sub, XO, and 2-7/8" work-string. DO CBP at 8,050' & 8,270'.
23. TOH and LD 2-7/8" work string, XO, bit sub and 4-3/4" mill-tooth bit.
24. TIH with NC, SN with pump out plug, and 2-3/8", 4.7#, J-55, EUE, 8rd tubing. Land EOT at +/- 7,500'. Pump out the plug with 2% KCl water.
25. ND BOP and kill spool. NU WH.
26. Swab well as needed to kick off. Collect a gas sample for analysis. SWI.
27. MIRU WL. Run production log (spinner survey) from 8,418' – 7,845'.
28. RDMO WL.
29. NU BOP. TIH with 2-3/8", 4.7#, J-55, EUE, 8rd tubing. Land EOT at +/- 8,000'.
30. Conduct 3 hour IP test on a fixed choke. Note volumes, pressures, and choke size. SWI.
31. Build battery. Consult with Michael Logan to schedule and perform first delivery.

**Regulatory:**

1. Subsequent report detailing completion operations
2. C-104 prior to first delivering
3. C-102 for commingle

**Equipment:**

1. 3 – 400 bbl frac tanks
2. 1 – 400 bbl flowback tank
3. +/- 8,500' – 2-7/8", 6.5#, L-80 work-string
4. +/- 8,000' – 2-3/8", 4.7#, J-55 tubing w/SN & NC
5. 5-1/2" csg scraper
6. 4-3/4" mill tooth bit
7. 5-1/2" CBP
8. 5-1/2" 10K treating packer

**Services:**

1. Pulling unit
2. Halliburton acid equipment
3. Wireline for perforating and production log

HEAD: BURLINGTON RESOURCES OIL & GAS

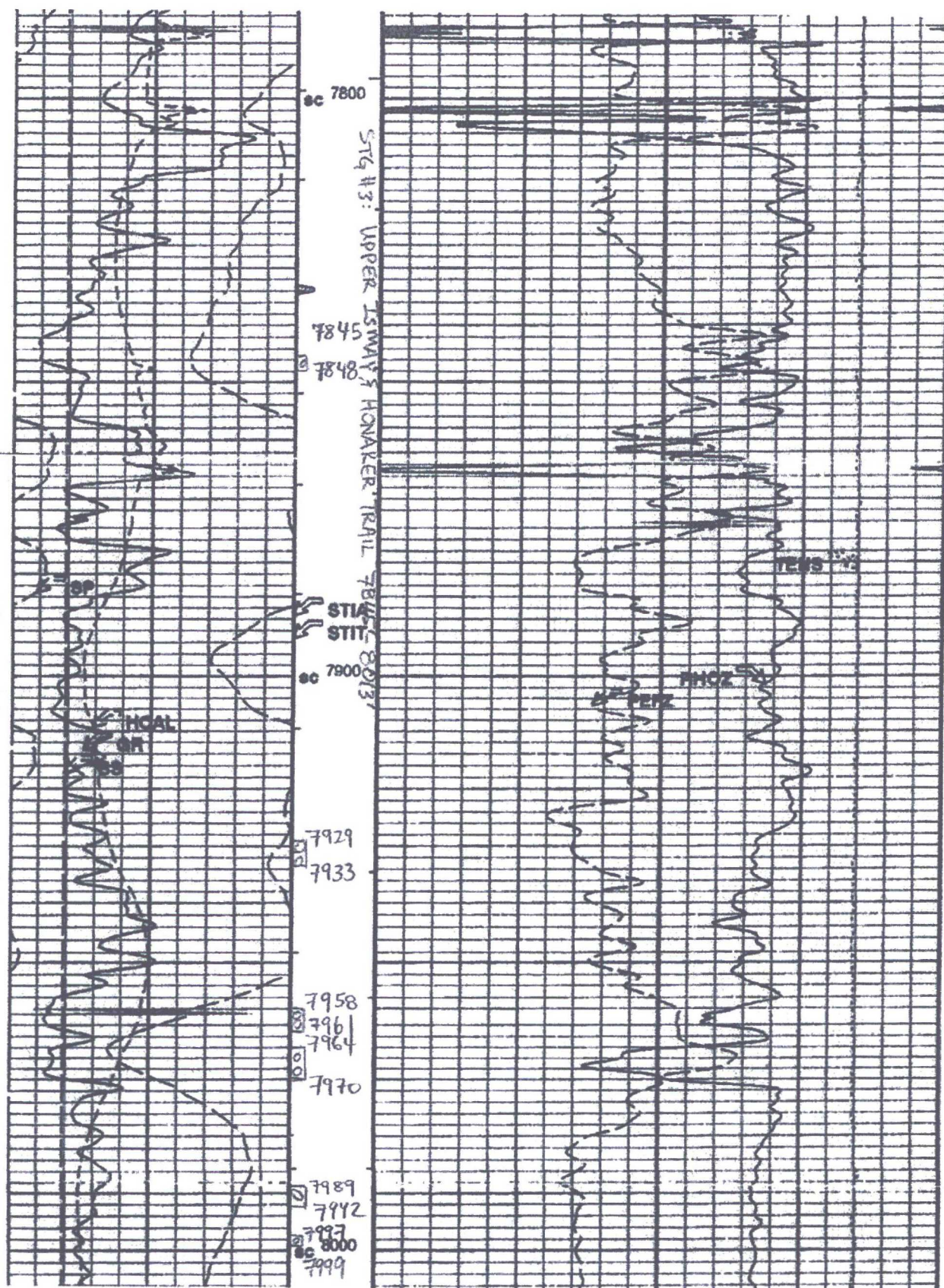
UTE MOUNTAIN UTE #22

BARKER CREEK PARADOX

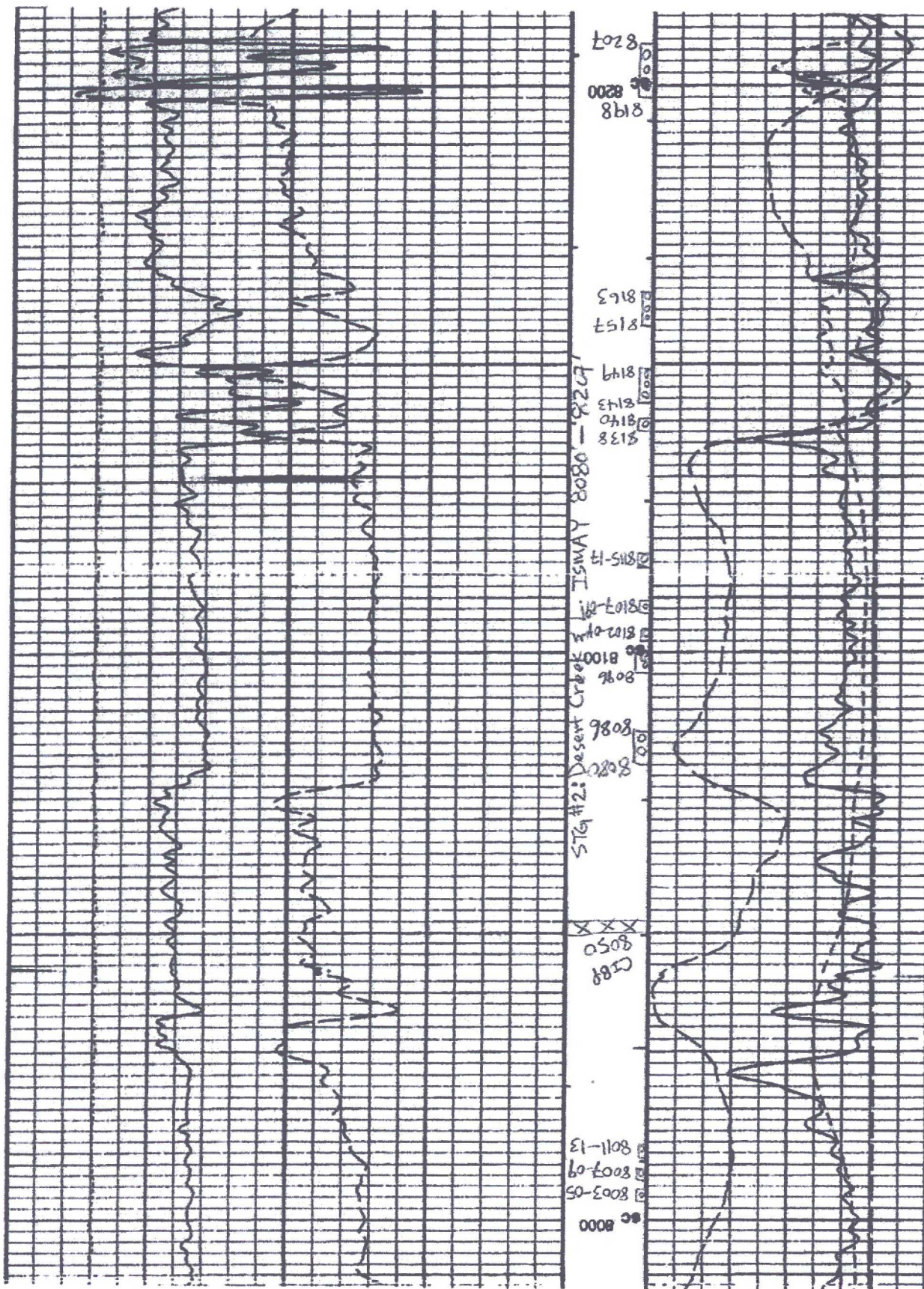
COUNTY: SAN JUAN STATE: NEW MEXICO

COUNTY: SAN JUAN		FIELD: BARKER CREEK / PARADOX		LOCATION: 2000 FNL & 1915 FEL		WELL: UTE MOUNTAIN UTE #22		COMPANY: BURLINGTON RESOURCES OIL & GAS		PLATFORM EXPRESS		Run 1	Run 2
		Schlumberger		2000' FNL & 1915' FEL FROM SECTION 17		Elev.: K.B. 8217 F G.L. 8203 F D.F.		Permanent Datum: GROUND LEVEL Log Measured From: KELLY BUSHING Drilling Measured From: KELLY BUSHING		Elev.: 8203 F 14.0 F above Perm. Datum			
API Serial No. N/A		SECTION 17		TOWNSHIP 32N		RANGE 14W							
Logging Date		1-OCT-1996						Logging Date					
Run Number		ONE						Run Number					
Depth Driller		8530 F						Depth Driller					
Schlumberger Depth		8532 F						Schlumberger Depth					
Bottom Log Interval		8534 F						Bottom Log Interval					
Top Log Interval		853 F						Top Log Interval					
Casing Driller Size @ Depth		8.625 IN @ 892 F						Casing Driller Size @ Depth					
Casing Schlumberger		893 F						Casing Schlumberger					
Bit Size		7.675 IN						Bit Size					
Type Fluid in Hole		LSND						Type Fluid in Hole					
Density		9.8 LB/G		55 S				Density					
Viscosity		12 CG		9.5				Viscosity					
Fluid Loss		PH						Fluid Loss					
Source Of Sample		FLOWLINE						Source Of Sample					
RM @ Measured Temperature		1.500 OHMM @ 110 DEGF						RM @ Measured Temperature					
RMF @ Measured Temperature		1.130 OHMM @ 110 DEGF						RMF @ Measured Temperature					
RMC @ Measured Temperature		2.250 OHMM @ 110 DEGF						RMC @ Measured Temperature					
Source RMF		RMC						Source RMF					
RM @ MRT		RMC @ MRT		1.053 @ 158		0.801 @ 158		RM @ MRT		RMC @ MRT			
Maximum Recorded Temperature		158 DEGF						Maximum Recorded Temperature					
Circulation Stopped		Time		30-SEP-1996		19:00		Circulation Stopped		Time			
Logger On Bottom		Time		1-OCT-1996		1:33		Logger On Bottom		Time			
Unit Number		Location		3020		FARMINGTON		Unit Number		Location			
Recorded By		SAMANTHA M. WILLIAMS						Recorded By					
Witnessed By		KRIPATRICK / WALLACE / LANE						Witnessed By					

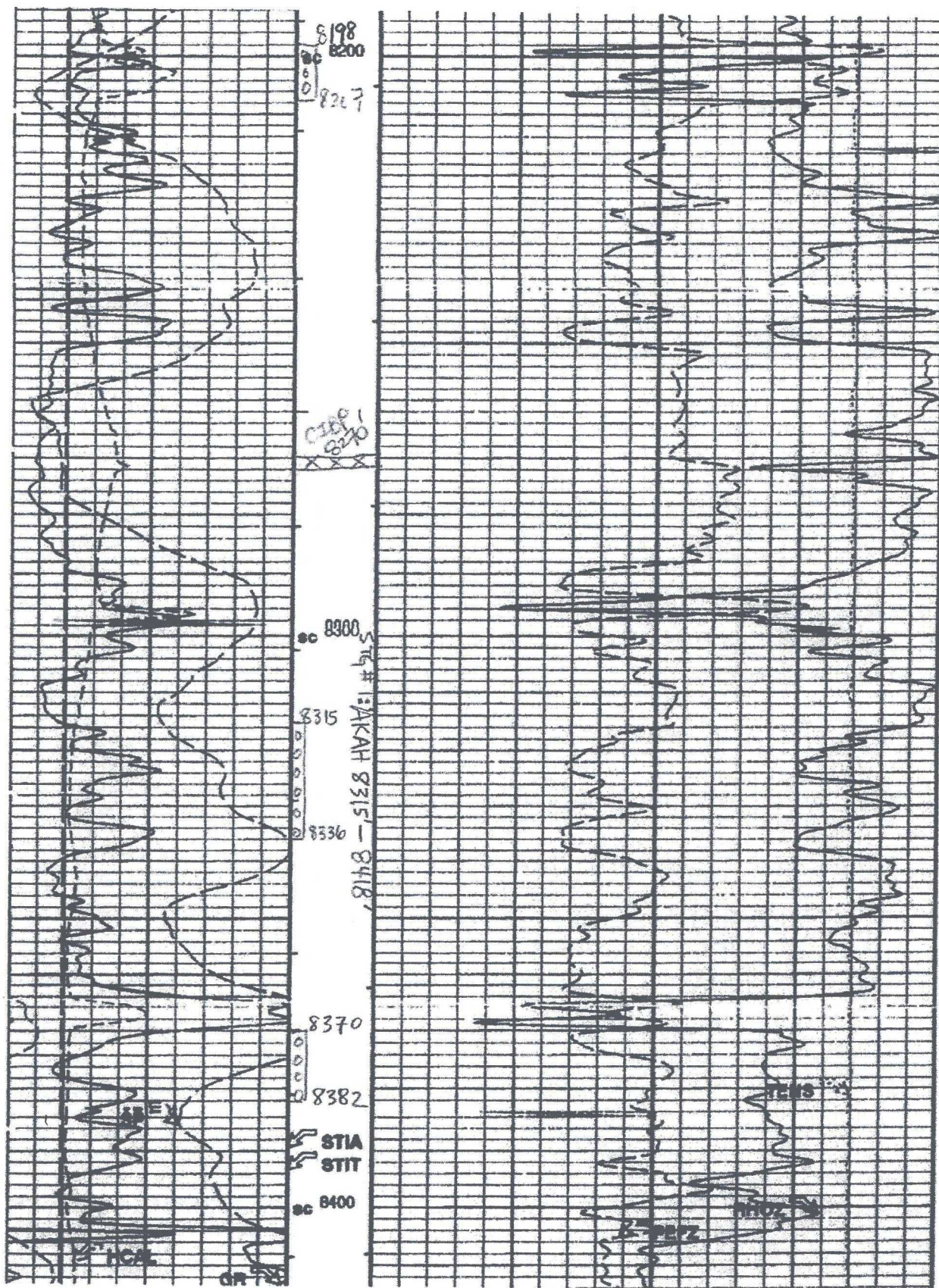




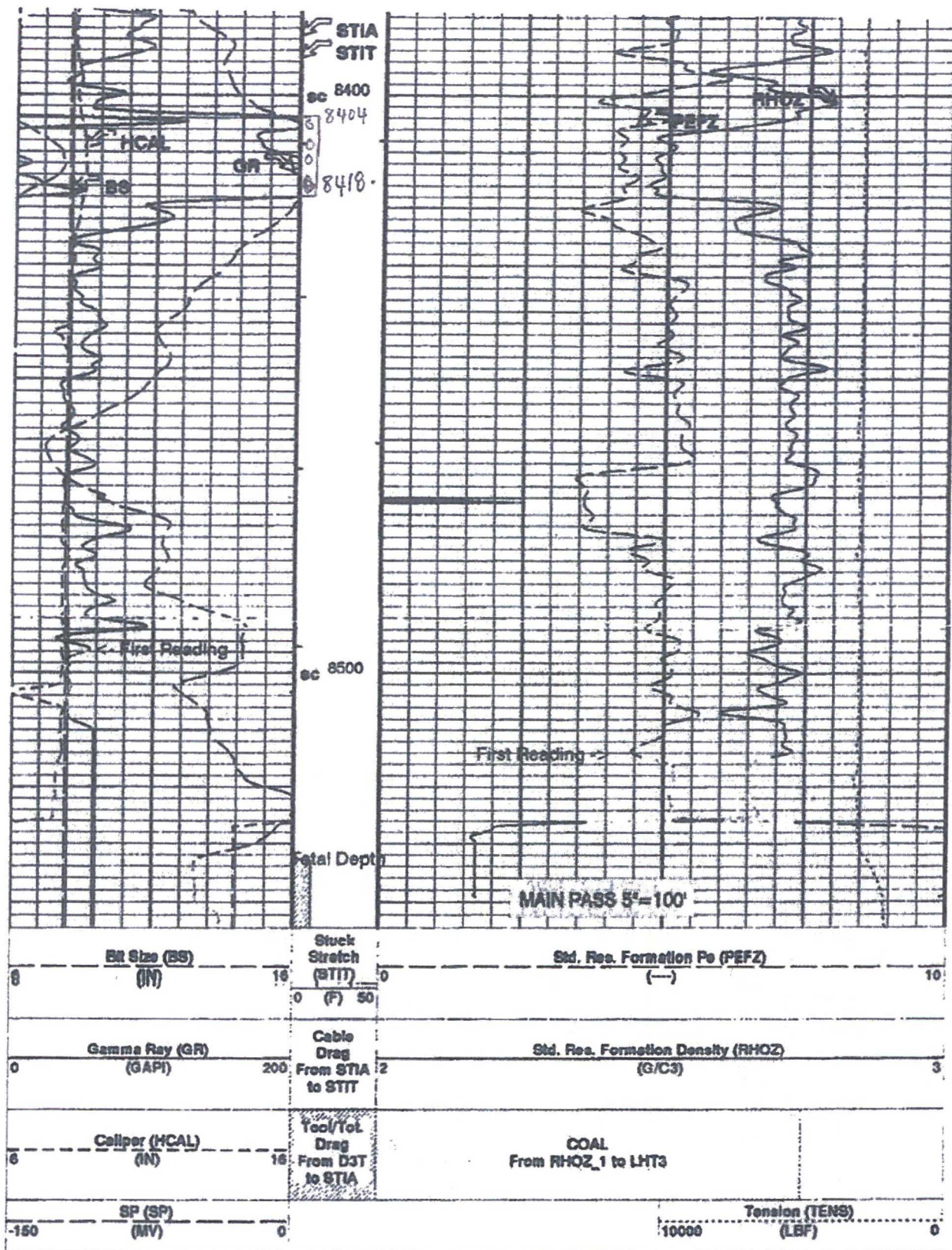














# BURLINGTON RESOURCES OIL & GAS

UTE MOUNTAIN UTE #22

BARKER CREEK - PARADOX

SAN JUAN COUNTY NEW MEXICO

COUNTY: SAN JUAN  
Field: BARKER CREEK / PARADOX  
Location: 2000 FNL & 1915' FEL  
Well: UTE MOUNTAIN UTE #22  
Company: BURLINGTON RESOURCES OF

LOCATION  
Schlumberger

## PLATFORM EXPRESS RESISTIVITY

2000 FNL & 1915' FEL  
FROM SECTION 17

Elev.: K.B. 6217 F  
G.L. 6203 F  
D.F.

Permanent Datum: GROUND LEVEL Elev.: 6203 F  
Log Measured From: KELLY BUSHING 14.0 F above Perm. Datum  
Drilling Measured From: KELLY BUSHING

API Serial No.  
NA

SECTION  
17

TOWNSHIP  
32N

RANGE  
14W

Logging Date: 1-OCT-1988  
Run Number: ONE  
Depth Driller: 6530 F  
Schlumberger Depth: 6532 F  
Bottom Log Interval: 6534 F  
Top Log Interval: 653 F  
Casing Driller Size @ Depth: 8.525 IN @ 6532 F  
Casing Schlumberger Bit Size: 7.575 IN  
Type Fluid in Hole: LSND  
Density: 8.8 LB/G 58 S  
Viscosity: 12 CP 9.5  
PH: 9.5  
Source Of Sample: FLOWLINE  
RM @ Measured Temperature: 1.800 OHMM @ 110 DEG F  
RMF @ Measured Temperature: 1.130 OHMM @ 110 DEG F  
RMC @ Measured Temperature: 2.300 OHMM @ 110 DEG F  
Source RMF: CALCULATED  
Source RMC: CALCULATED  
RM @ MRT: 1.093 @ 156 0.601 @ 156  
RMF @ MRT: 0.601 @ 156  
Maximum Recorded Temperature: 156 DEG F  
Circulation Stopped: Time 30 SEP-1988 19:00  
Logger On Bottom: Time 1-OCT-1988 1:33  
Unit Number: 9020 FARMINGTON  
Recorded By: SAMANTHA M. WILLIAMS  
Witnessed By: KIRKPATRICK / WALLACE / LANE

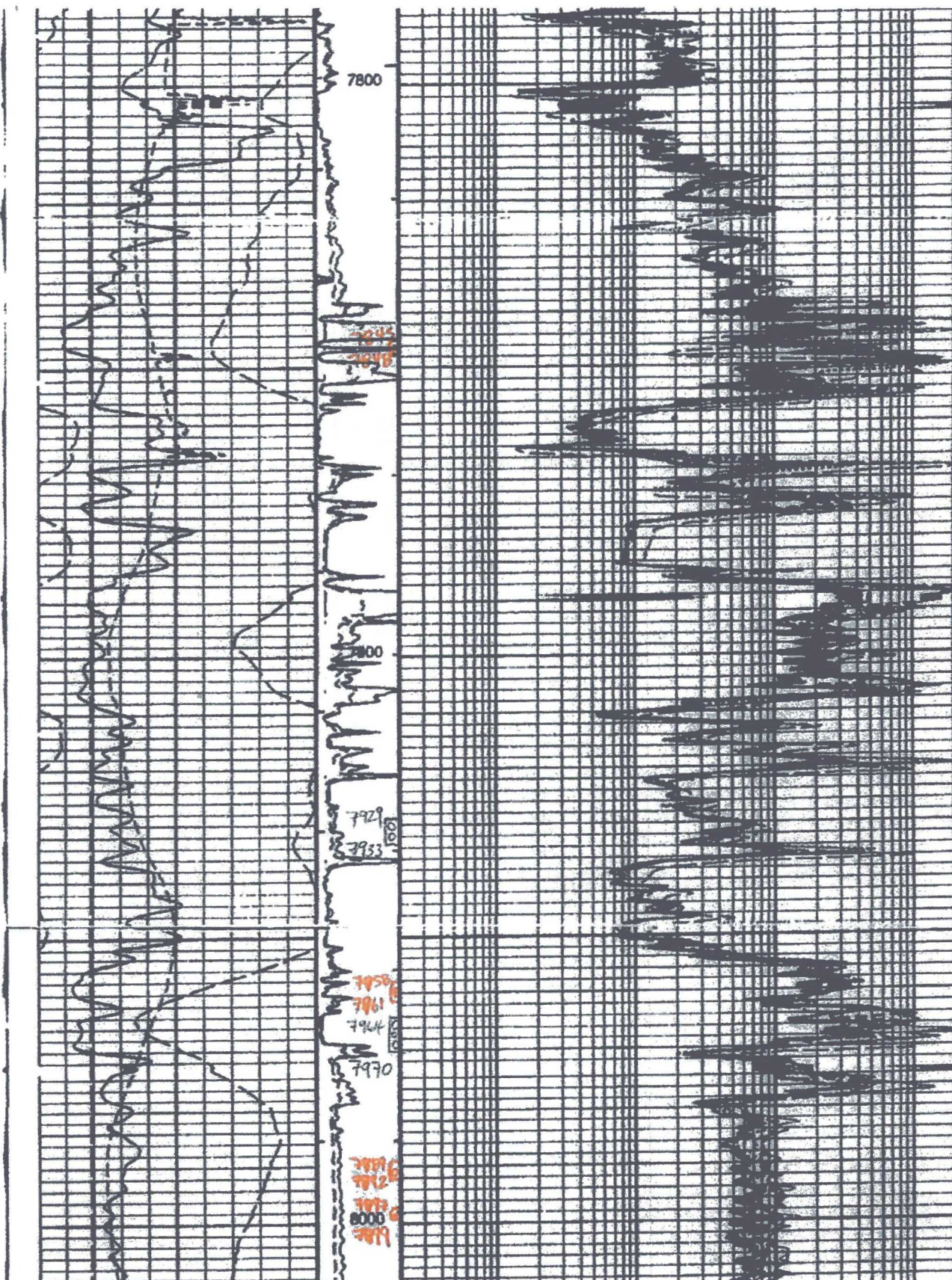
Logging Date:  
Run Number:  
Depth Driller:  
Schlumberger Depth:  
Bottom Log Interval:  
Top Log Interval:  
Casing Driller Size @ Depth:  
Casing Schlumberger Bit Size:  
Type Fluid in Hole:  
Density: Viscosity:  
PH:  
Source Of Sample:  
RM @ Measured Temperature:  
RMF @ Measured Temperature:  
RMC @ Measured Temperature:  
Source RMF: RMC:  
RM @ MRT: RMF @ MRT:  
Maximum Recorded Temperature:  
Circulation Stopped: Time:  
Logger On Bottom: Time:  
Unit Number: Location:  
Recorded By:  
Witnessed By:

Run 1

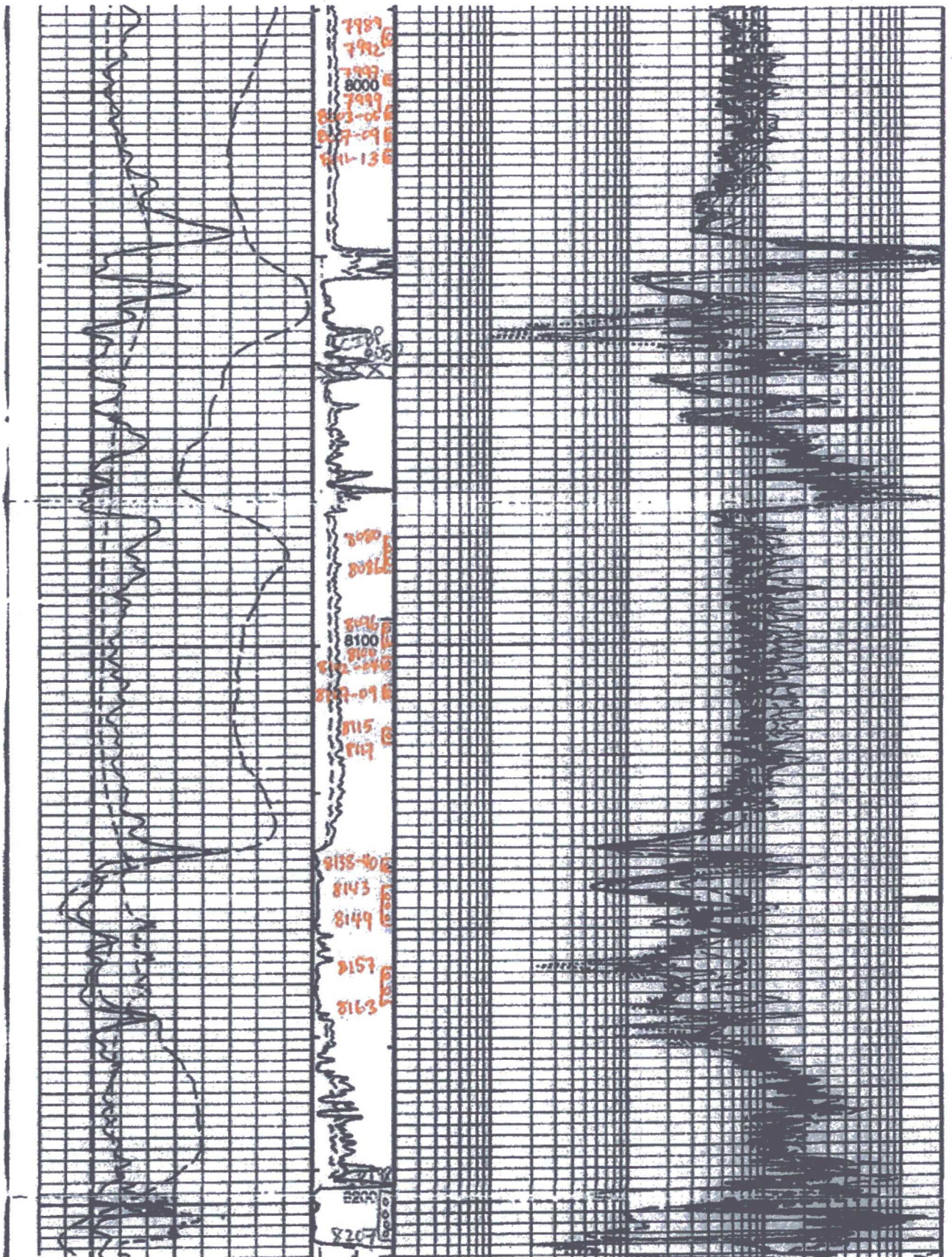
Run 2

Run

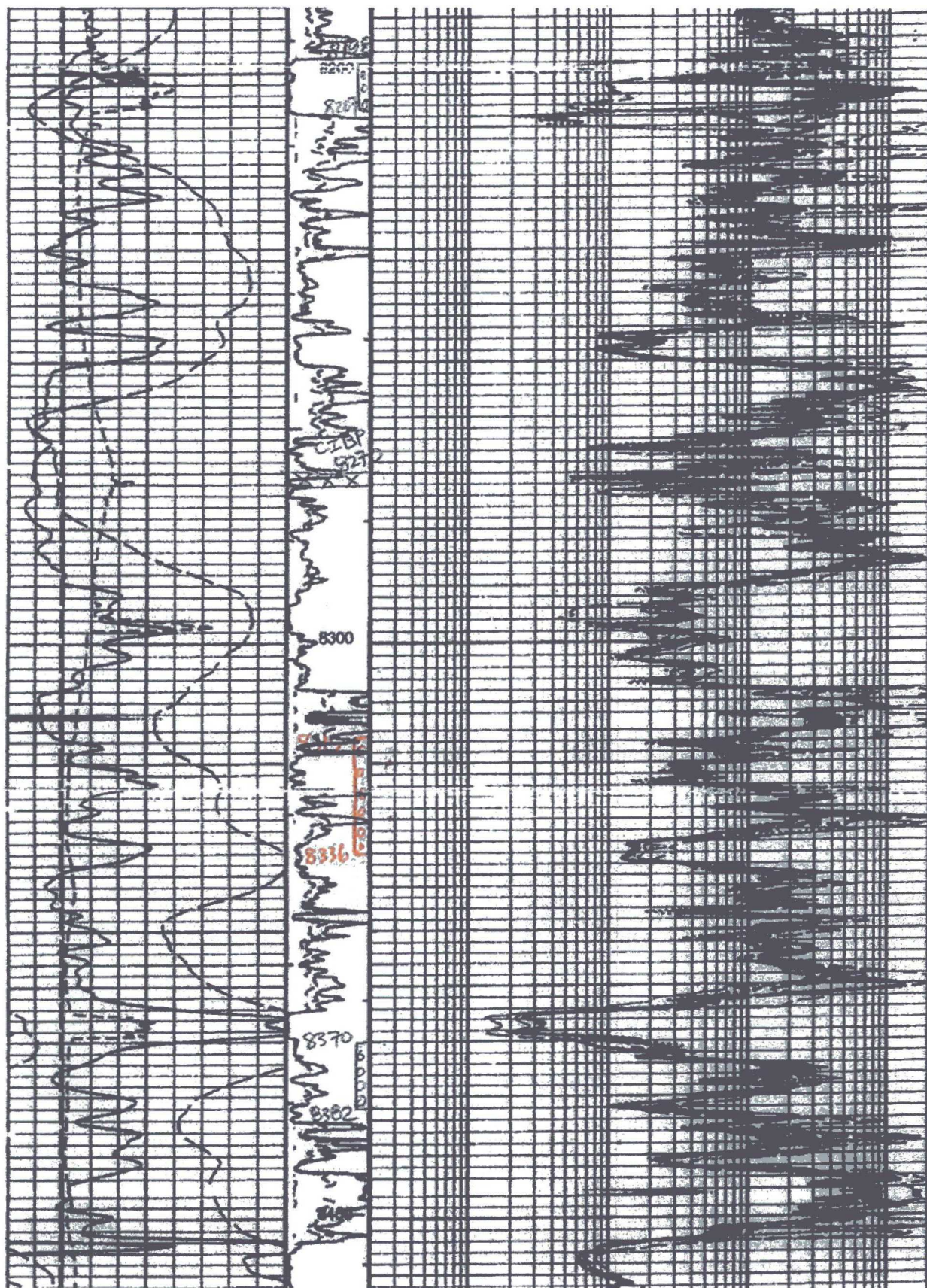




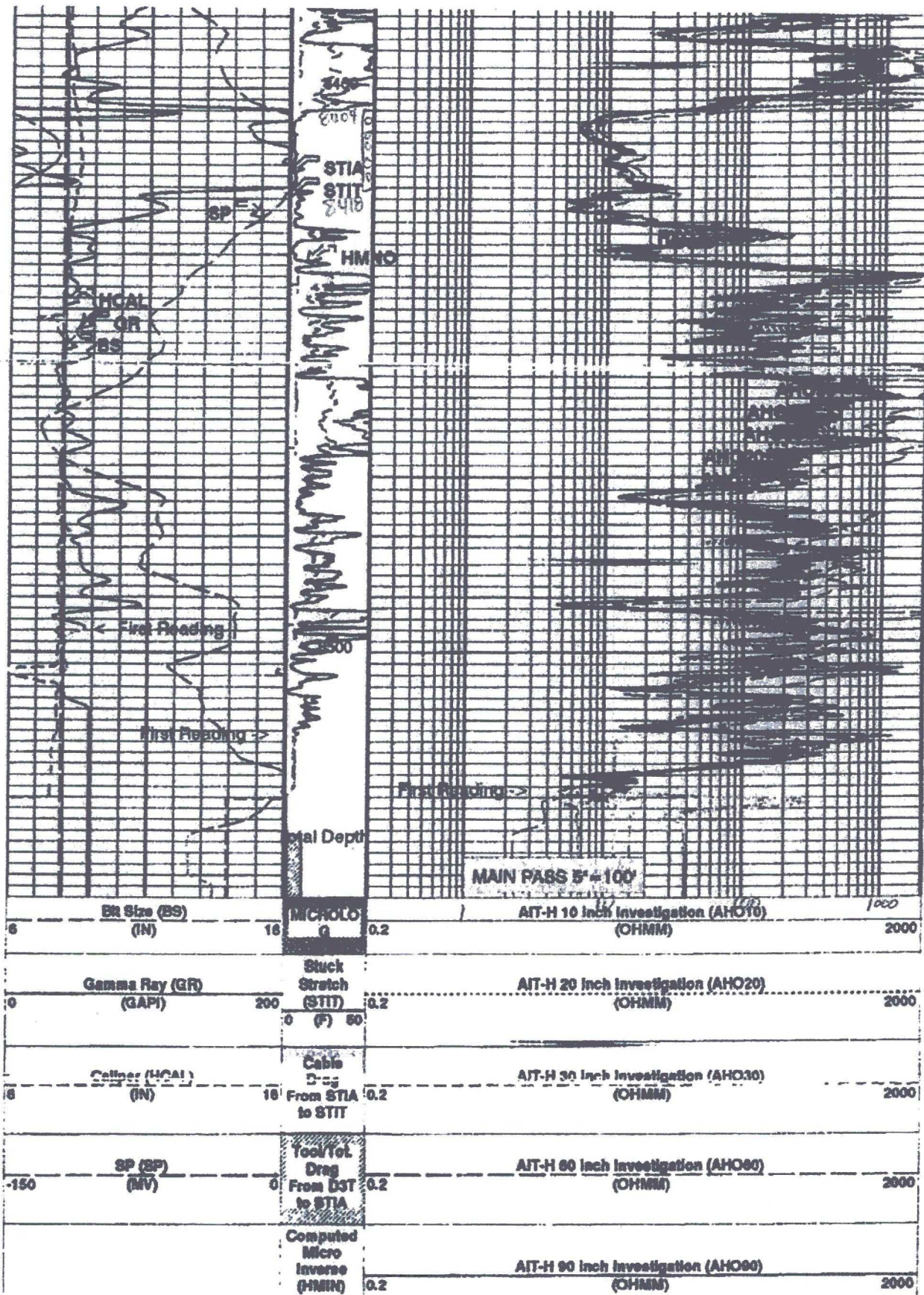












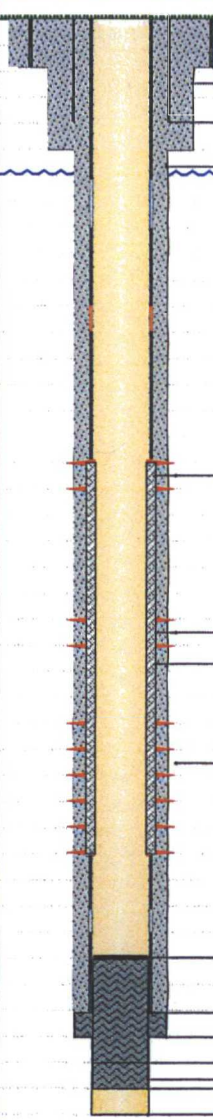




# Downhole Well Profile - with Schematic

Well Name: Ute 22

API/UWI 30045293950000	Accounting ID 151020	Permit Number	State/Province New Mexico	County San Juan
Location T32N-R14W-S17	Spud Date 9/17/1996 16:00	Original KB Elevation (ft) 6,217.00	Ground/Corrected Ground Elevation (ft) 6,203.00	KB-Ground Distance (ft) 14.00

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
0.0	0.0	0.0	
14.1	14.1	0.0	
92.8	92.8	0.1	
94.2	94.2	0.1	
892.1	892.0	0.8	
893.0	893.0	0.8	
902.9	902.8	0.8	
6,818.2	6,814.9	1.0	
6,818.9	6,815.6	1.0	
6,820.5	6,817.2	1.0	
7,841.9	7,838.2	1.8	Kick-off; 14.0 ftKB Conductor; 17 1/2 in; 94.0 ftKB Conductor; 16 in; 94.0 ftKB Surface; 12 1/4 in; 903.0 ftKB Surface; 8 5/8 in; 893.0 ftKB Production; 7 7/8 in; 8,530.0 ftKB
7,847.1	7,843.5	1.8	
7,913.1	7,909.4	1.8	
7,927.8	7,924.1	1.8	
7,929.1	7,925.4	1.8	
7,933.1	7,929.4	1.8	
7,956.0	7,952.3	1.8	
7,961.0	7,957.2	1.8	
7,963.9	7,960.2	1.8	
7,970.1	7,966.4	1.8	
7,987.9	7,984.1	1.8	Cement; Cement Squeeze; 7,970.0 ftKB Perforation; 7,964.0-7,970.0 ftKB
8,015.1	8,011.4	1.8	
8,080.1	8,076.3	1.9	
8,117.1	8,113.3	1.9	
8,138.1	8,134.3	1.9	
8,165.0	8,161.2	1.9	
8,198.2	8,194.3	1.9	
8,207.0	8,203.2	1.9	
8,310.0	8,306.1	2.0	
8,350.1	8,346.1	1.9	
8,370.1	8,366.2	1.8	Perforation; 8,310.0-8,414.0 ftKB
8,381.9	8,378.0	1.8	
8,403.9	8,399.9	1.7	
8,414.0	8,410.1	1.6	
8,418.0	8,414.0	1.6	
8,441.9	8,438.0	1.5	
8,442.9	8,439.0	1.5	
8,479.0	8,475.0	1.3	
8,527.9	8,523.9	1.1	
8,528.9	8,524.9	1.1	
8,529.9	8,525.9	1.1	PBTD; 8,479.0 ftKB Production; 5 1/2 in; 8,529.0 ftKB Cement; Auto cement plug; 8,529.0 ftKB Cement; PLUGBACK; 8,530.0 ftKB Cement; Cement Plug - P & A; 8,821.0 ftKB Production; 4 3/4 in; 9,651.0 ftKB Cement; Cement Plug - P & A; 9,255.0 ftKB TD - Original Hole; 9,651.0 ftKB
8,820.9	8,816.6	3.5	
9,254.9	9,249.2	5.0	
9,650.9	9,643.7	5.0	

Wellbores							
Wellbore Name Original Hole		Parent Wellbore Original Hole		Wellbore API/UWI 300452939500			
Start Depth (ftKB) 14.0		Profile Type Vertical		Kick Off Depth (MD) (ftKB) 14.0			
Section Des		Size (in)	Act Top (ftKB)	Act Btm (ftKB)			
Conductor		17 1/2	14.0	94.0			
Surface		12 1/4	94.0	903.0			
Production		7 7/8	903.0	8,530.0			
Production		4 3/4	8,530.0	9,651.0			
Zones							
Zone Name		Top (ftKB)	Btm (ftKB)	Current Status			
Ismay		7,964.0	7,970.0	Squeezed			
Desert Creek		8,138.0	8,165.0	Squeezed			
Barker Creek		8,310.0	8,414.0	Squeezed			
Casing Strings							
Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade			
Conductor	94.0	16	65.00	H-40			
Surface	893.0	8 5/8	24.00	K-55			
Production	8,529.0	5 1/2	17.00	L-80			
Cement							
Des	Type		String				
Conductor Casing Cement	Casing		Conductor, 94.0ftKB				
Surface Casing Cement	Casing		Surface, 893.0ftKB				
Production Casing Cement	Casing		Production, 8,529.0ftKB				
PLUGBACK	Plug						
Cement Squeeze	Squeeze		Production, 8,529.0ftKB				
Cement Squeeze	Squeeze		Production, 8,529.0ftKB				
Cement Squeeze	Squeeze		Production, 8,529.0ftKB				
Cement Plug - P & A	Plug						
Tubing Strings							
Tubing Description		Run Date		Set Depth (ftKB)			
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Rod Strings							
Rod Description		Run Date		Set Depth (ftKB)			
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Other In Hole							
Run Date	Des		OD (in)	Top (ftKB)		Btm (ftKB)	





## Downhole Well Profile - with Schematic

Well Name: Ute 22

API/UWI 30045293950000	Accounting ID 151020	Permit Number	State/Province New Mexico	County San Juan
Location T32N-R14W-S17	Spud Date 9/17/1996 16:00	Original KB Elevation (ft) 6,217.00	Ground/Corrected Ground Elevation (ft) 6,203.00	KB-Ground Distance (ft) 14.00

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
0.0	0.0	0.0	
14.1	14.1	0.0	
92.8	92.8	0.1	
94.2	94.2	0.1	
892.1	892.0	0.8	
893.0	893.0	0.8	
902.9	902.8	0.8	
6,818.2	6,814.9	1.0	
6,818.9	6,815.6	1.0	
6,820.5	6,817.2	1.0	
7,841.9	7,838.2	1.8	Kick-off; 14.0 ftKB Conductor; 17 1/2 in; 94.0 ftKB Conductor; 16 in; 94.0 ftKB Surface; 12 1/4 in; 903.0 ftKB Surface; 8 5/8 in; 893.0 ftKB Production; 7 7/8 in; 8,530.0 ftKB
7,847.1	7,843.5	1.8	
7,913.1	7,909.4	1.8	
7,927.8	7,924.1	1.8	
7,929.1	7,925.4	1.8	
7,933.1	7,929.4	1.8	
7,956.0	7,952.3	1.8	
7,961.0	7,957.2	1.8	
7,963.9	7,960.2	1.8	
7,970.1	7,966.4	1.8	
7,987.9	7,984.1	1.8	Cement; Cement Squeeze; 7,970.0 ftKB Perforation; 7,964.0-7,970.0 ftKB Perforation; 8,138.0-8,165.0 ftKB Cement; Cement Squeeze; 8,165.0 ftKB Cement; Cement Squeeze; 8,414.0 ftKB
8,015.1	8,011.4	1.8	
8,080.1	8,076.3	1.9	
8,117.1	8,113.3	1.9	
8,138.1	8,134.3	1.9	
8,165.0	8,161.2	1.9	
8,198.2	8,194.3	1.9	
8,207.0	8,203.2	1.9	
8,310.0	8,306.1	2.0	
8,350.1	8,346.1	1.9	
8,370.1	8,366.2	1.8	Perforation; 8,310.0-8,414.0 ftKB PBTD; 8,479.0 ftKB Production; 5 1/2 in; 8,529.0 ftKB Cement; Auto cement plug; 8,529.0 ftKB Cement; PLUGBACK; 8,530.0 ftKB Cement; Cement Plug - P & A; 8,821.0 ftKB Production; 4 3/4 in; 9,651.0 ftKB Cement; Cement Plug - P & A; 9,255.0 ftKB TD - Original Hole; 9,651.0 ftKB
8,381.9	8,378.0	1.8	
8,403.9	8,399.9	1.7	
8,414.0	8,410.1	1.6	
8,418.0	8,414.0	1.6	
8,441.9	8,438.0	1.5	
8,442.9	8,439.0	1.5	
8,479.0	8,475.0	1.3	
8,527.9	8,523.9	1.1	
8,528.9	8,524.9	1.1	
8,529.9	8,525.9	1.1	
8,820.9	8,816.6	3.5	
9,254.9	9,249.2	5.0	
9,650.9	9,643.7	5.0	

Perforations						
Date	Top (ftKB)	Btm (ftKB)	Zone			
10/19/1996	7,964.0	7,970.0	Ismay, Original Hole			
10/18/1996	8,138.0	8,165.0	Desert Creek, Original Hole			
10/18/1996	8,310.0	8,414.0	Barker Creek, Original Hole			
Stimulations & Treatments						
Frac #	Top Perf (ftKB)	Bottom Perf (ftKB)	AIR (bbl/min)	MIR (bbl/min)	TWP (bbl)	Total Proppant (lb)
	8138	8165				
	7964	7970				

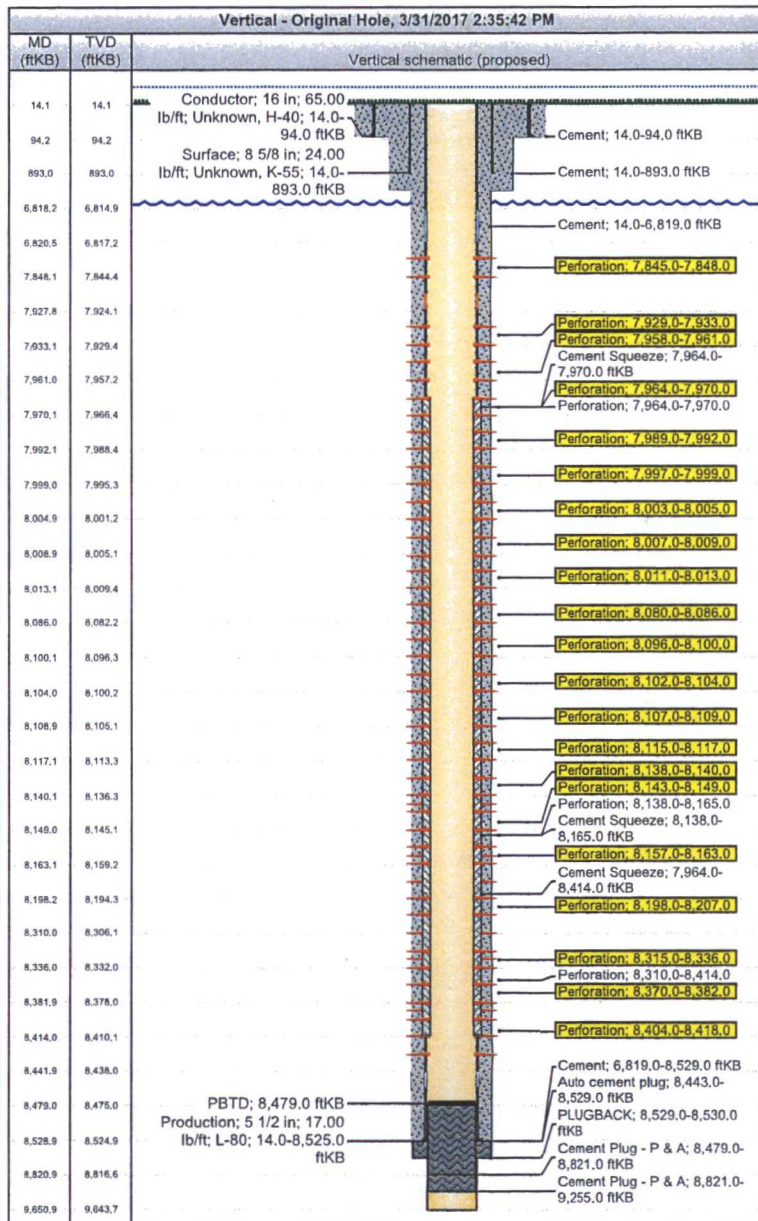




# XTO - Proposed Wellbore Diagram

Well Name: Ute 22

API/UWI 30045293950000	Accounting ID 151020	Permit Number	State/Province New Mexico	County San Juan
Location T32N-R14W-S17	Spud Date 9/17/1996 16:00	Original KB Elevation (ft) 6,217.00	Ground/Corrected Ground Elevation (ft) 6,203.00	KB-Ground Distance (ft) 14.00



Formations				
Formation Name		Final Top MD (ftKB)		Final Bottom MD (ftKB)
Wellbores				
Wellbore Name		Parent Wellbore		
Original Hole		Original Hole		
Start Depth (ftKB)		Profile Type		Kick Off Depth (MD) (ftKB)
14.0		Vertical		14.0
Casing Strings				
Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade
Conductor	94.0	16	65.00	H-40
Surface	893.0	8 5/8	24.00	K-55
Production	8,529.0	5 1/2	17.00	L-80
Cement				
Des	Type	String	Com	
Conductor Casing Cement	Casing	Conductor, 94.0ftKB	7 YARDS 3/4" REDI - MIX	
Surface Casing Cement	Casing	Surface, 893.0ftKB	CEMENT WITH 440 SX CIRCULATING 35 BBLS TO SURFACE	
Production Casing Cement	Casing	Production, 8,529.0ftKB	CEMENT STAGE 1 WITH 625 SX CIRCULATING 1 BBL TO SURFACE CEMENT STAGE 2 WITH 1900 SX CIRCULATING 160 BBLS TO SURFACE	
PLUGBACK	Plug			
Cement Plug - P & A	Plug		Plug #1 w/63 sx Type G neat cmt w/0.3% HR5 (mixed @ 15.8 ppg, 1.16 cu ft/sx , 73.08 cu/ft). Pmd dwn tbg w/10 BFW spacer, 13 bbls cmt. Disp w/4 BFW & 38.3 BFW. Calc cmt plg fr/9,255' - 8,662'. SDFD. Tg TOC @ 8,821'.	
Cement Squeeze	Squeeze	Production, 8,529.0ftKB	Sqz Ismay perms w/100 sx cmt	
Cement Squeeze	Squeeze	Production, 8,529.0ftKB	Sqz Desert Creek perms w/155 sx	
Cement Squeeze	Squeeze	Production, 8,529.0ftKB	Sqz Paradox perms fr/7,964' - 8,414' w/60 sxs Type G neat cmt w/0.3% HR5 (mixed @ 15.8 ppg, 1.16 cu ft/sx , 69.60 cu/ft). Ppd dwn tbg w/12.4 bbls cmt. Disp w/45 BFW. Spt cmt plg fr/8,418' - 7,884'. TOH 40 jts 2-7/8" tbg. EOT @ 7,140'. Ld csg w/4 BFW. Rev circ tbg ctn. Sqz 1 bbl cmt in perms @ 2,000 psig. Final sqz press.	
Perforations				
Date	Top (ftKB)	Btm (ftKB)	Zone	
3/31/2017	7,845.0	7,848.0		
3/31/2017	7,929.0	7,933.0		
3/31/2017	7,958.0	7,961.0		
3/31/2017	7,964.0	7,970.0		
10/19/1996	7,964.0	7,970.0	Ismay, Original Hole	
3/31/2017	7,989.0	7,992.0		

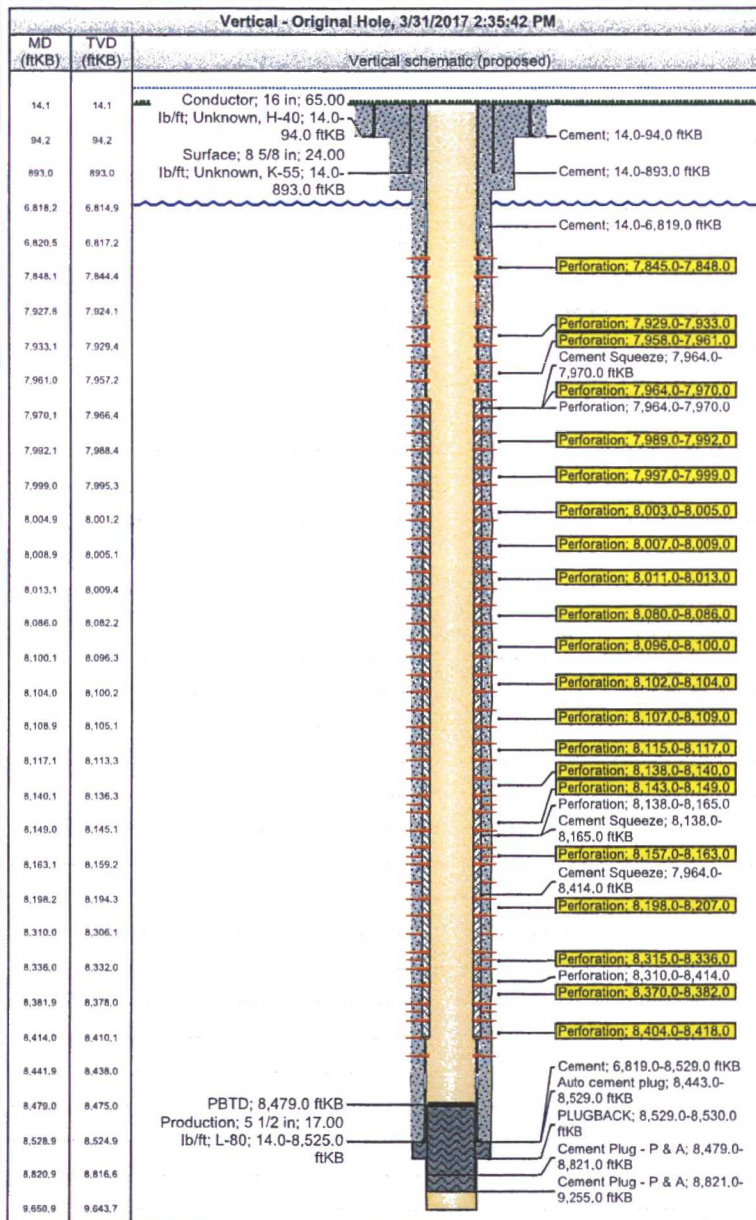




# XTO - Proposed Wellbore Diagram

Well Name: Ute 22

API/UWI 30045293950000	Accounting ID 151020	Permit Number	State/Province New Mexico	County San Juan
Location T32N-R14W-S17	Spud Date 9/17/1996 16:00	Original KB Elevation (ft) 6,217.00	Ground/Corrected Ground Elevation (ft) 6,203.00	KB-Ground Distance (ft) 14.00



Date	Top (ftKB)	Btm (ftKB)	Zone
3/31/2017	7,997.0	7,999.0	
3/31/2017	8,003.0	8,005.0	
3/31/2017	8,007.0	8,009.0	
3/31/2017	8,011.0	8,013.0	
3/31/2017	8,080.0	8,086.0	
3/31/2017	8,096.0	8,100.0	
3/31/2017	8,102.0	8,104.0	
3/31/2017	8,107.0	8,109.0	
3/31/2017	8,115.0	8,117.0	
3/31/2017	8,138.0	8,140.0	
10/18/1996	8,138.0	8,165.0	Desert Creek, Original Hole
3/31/2017	8,143.0	8,149.0	
3/31/2017	8,157.0	8,163.0	
3/31/2017	8,198.0	8,207.0	
10/18/1996	8,310.0	8,414.0	Barker Creek, Original Hole
3/31/2017	8,315.0	8,336.0	
3/31/2017	8,370.0	8,382.0	
3/31/2017	8,404.0	8,418.0	

Des	OD (in)	Top (ftKB)	Btm (ftKB)



**XTO Energy**  
**Tribal IMDA: I-22-IND-2772**  
**Well: UMU #22**  
**Surface Location: 2000' FNL & 1925' FEL**  
**Sec. 17, T. 32 N., R. 14 W.**  
**San Juan County, New Mexico**

**3160**

**Conditions of Approval: Sundry Notice to Workover:**

1. No activities may take place outside of the originally disturbed surface area.
2. Within 30 days of the recompletion, submit to this office a Sundry Notice, Subsequent Report of all activities that took place. Daily drillers or activities reports should be provided. Please enclose a revised wellbore diagram with formation tops. Provide flowrates and pressures of the new production.
3. Submit a copy of all logs run during the workover of this well.
4. All operations must be in accordance with Onshore Order #6, H2S Operations.