

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
Expires: March 31, 2007

**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.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **Elk San Juan, Inc.**

3a. Address  
**1401 17th Street, Suite 700, Denver, Colorado, 80202**

3b. Phone No (include area code)  
**303-296-4505**

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

**J: 1700' FSL, 1645' FEL, Section 21-T31N-R14W**

5. Lease Serial No.

**IMDA 751-05-1025, Tract C**

6. If Indian, Allottee or Tribe Name

**Ute Mountain Ute**

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

**NA**

8. Well Name and No.

**Ute Mountain Tribal 21D**

9. API Well No.

**3004534113**

10. Field and Pool, or Exploratory Area

**Basin Dakota**

11. County or Parish, State

**San Juan County, NM**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Set Intermediate</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Casing - Revised Report</b>
	<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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Elk drilled a 6 1/4" hole to 1825'. Picked up an 8 3/4" bit and reamed 6 1/4" hole to 8 3/4" to 1825'. Set 23#, J-55, LT&C csg @ 1825'. On 3/22/08, cemented casing with 147 sx 65/35 STD Poz w/ 6% gel, 5 pps gilsonite, 1/4 pps superflake mixed @ 12.3 ppg w/ 1.94 yield, followed by 100 sx Std Poz with 2% CaCP, 5 pps gilsonite and 1/4 pps superflake mixed @ 15.2 ppg with 1.27 yield, bumped plug @ 1500#, float held ok. Cement circulated to pit. Rig down and released surface rig on 3/22/08. Shut well in and wait on drilling rig to finish drilling well. Attached are copies of the cementing report and copies of daily drilling reports from spud to present.

RCUD MAY 1 '08  
OIL CONS. DIV.

DIST. 3

*Report casing size*

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Karin Kuhn**

Title **Sr. Engineering Technician**

Signature

Date

**04/25/2008**

**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 USC Section 1001 and Title 43 USC 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)

*5*

*NO ACM Stamp.*

**CEMENT JOB SUMMARY SHEET****Job Type****7" Intermediate**

<b>Casing</b>	<b>Size</b>	<b>Weight</b>	<b>Thread</b>	<b>Grade</b>	<b>Depth</b>
<b>Conductor</b>			<b>8rd</b>		
<b>Surface</b>	<b>9 5/8"</b>	<b>36#</b>	<b>8rd</b>	<b>J-55</b>	<b>141</b>
<b>Intermediate</b>	<b>7"</b>	<b>23#</b>	<b>8rd</b>	<b>J-55</b>	<b>1,822</b>
<b>Production</b>			<b>8rd</b>		
<b>Drill Pipe/Tbg</b>					
<b>Open Hole</b>	<b>8 3/4"</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>1825</b>

**CEMENT INFORMATION**

<b>Spacer Bbls</b>	<b>5/10/5</b>	<b>Spacer Type</b>	<b>H2O/DUSTFLUSH/H2O</b>		
<b>Cement 1</b>	<b>65/35/STD/POZ</b>				<b>147 Sacks</b>
<b>Additives</b>	<b>6% Gel + 5# Gilsomite + 1/4# Superflake</b>				
	<b>Weight (lb/gal)</b>	<b>12.30</b>	<b>Yield (cuft/sk)</b>	<b>1.94</b>	<b>Water (gal/sk)</b> <b>10.32</b>
<b>Cement 2</b>	<b>STD</b>				<b>100 Sacks</b>
<b>Additives</b>	<b>2% C.C. + 5# Gilsomite + 1/4# Superflake</b>				
	<b>Weight (lb/gal)</b>	<b>15.20</b>	<b>Yield (cuft/sk)</b>	<b>1.27</b>	<b>Water (gal/sk)</b> <b>5.25</b>
<b>Cement 3</b>					<b>Sacks</b>
<b>Additives</b>					
	<b>Weight (lb/gal)</b>		<b>Yield (cuft/sk)</b>		<b>Water (gal/sk)</b>
<b>Cement 4</b>					<b>Sacks</b>
<b>Additives</b>					
	<b>Weight (lb/gal)</b>		<b>Yield (cuft/sk)</b>		<b>Water (gal/sk)</b>
<b>Displacement</b>	<b>H2O</b>		<b>8.33 (lb/gal)</b>		

**CEMENTING EQUIPMENT**

<b>Provider</b>	<b>SUPERIOR WELLS SERVICE</b>				
<b>Guide Shoe</b>	<b>ea.</b>	<b>Centralizers</b>	<b>ea.</b>		
<b>Float Shoe</b>	<b>ea.</b>	<b>Turbos</b>	<b>ea.</b>		
<b>Float Collar</b>	<b>ea.</b>	<b>Stop Ring</b>	<b>ea.</b>		
<b>Insert Float</b>	<b>ea.</b>	<b>Threadlock</b>	<b>ea.</b>		

ELK RESOURCES

UTE MOUNTAIN TRIBAL #21-D

36-000841-00

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**Customer Information**

Customer Name	ELK RESOURCES
City	KIRTLAND
State	NM
Witness(es)	MIKE CONFER

\*\*\*\*\*

**Lease Information**

Lease Name	UTE MOUNTAIN TRIBAL #21-D
Lease Information	D&D DRILLING
County	SAN JUAN
State	NM

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**Well Information**

Casing Size	7"
Casing Weight	23#
Casing Connection	8rd
Hole Size	8 3/4"
Calculated Annular Excess %	50%
Retainer	
T.D.	1825'
Casing Length	1822'
Shoe Joint	43'
Float Collar	1779'
Calculated T.O.C.	SURFACE
Previous Casing Depth	131'
Previous Casing Size	9 5/8"
Previous Casing Weight	32.3#

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**Call-Out Information**

Job Type	7" INTERMEDIATE
Service Center(s)	FARMINGTON
Bulk Location(s)	FARMINGTON
Supervisor(s)	LEONARD CLITSO
Pumping Equipment	0448
Bulk Equipment	0285
Time Called Out	08:00AM
Time On Location	10:00AM
Planned Time of Job	10:00AM
Weather Conditions	CLEAR WARM AND WINDY

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**{1} Intermediate Casing - Job Log**

Comment	CASING-ps	PUMP	DENSITY-p	SLRY VOL	SLRY VOL
i		RATE-bpm	pg	STG-bbls	TOT-bbls

Saturday, March 22, 2008

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© Superior Well Services

**BREAK THROUGH.**

ELK RESOURCES

UTE MOUNTAIN TRIBAL #21-D

36-000841-00

	Comment	CASING-psi	PUMP RATE-bpm	DENSITY-pg	SLRY VOL STG-bbls	SLRY VOL TOT-bbls
13:11:14	Start Recording	2955	0.0	8.40	0.0	0.0
13:12:14	Rate Check 0		0.0	8.40	0.0	0.0
13:13:14	pump fresh water	70	3.2	8.37	1.1	1.1
13:14:14	Rate Check 111		3.8	8.34	4.5	4.5
13:16:14	pump dust flush	86	3.2	8.15	1.8	11.2
13:17:14	pump dust flush	86	3.2	9.78	5.0	14.4
13:18:14	Rate Check 82		3.2	12.88	8.2	17.6
13:19:14	Start Stage 37		3.2	12.87	0.1	20.8
13:20:14	Rate Check 64		3.2	12.87	3.3	24.0
13:21:14	pump lead cement	127	4.0	12.55	1.7	27.3
13:22:14	Rate Check 115		3.9	12.17	5.6	31.2
13:23:14	Rate Check 115		3.9	12.16	9.4	35.1
13:24:14	Rate Check 119		3.9	12.27	13.3	39.0
13:25:14	Rate Check 122		3.9	12.30	17.2	42.8
13:26:14	Rate Check 121		3.9	12.27	21.1	46.7
13:27:14	Rate Check 124		3.9	12.34	25.0	50.6
13:28:14	Rate Check 124		3.9	12.27	28.9	54.5
13:30:14	Rate Check 120		3.9	12.23	36.6	62.3
13:32:14	Rate Check 120		3.9	12.22	44.4	70.0
13:34:14	pump tail cement	132	3.2	15.53	1.3	77.2
13:35:14	pump tail cement	140	3.5	15.26	4.6	80.5
13:36:14	Rate Check 134		3.5	15.12	8.0	84.0
13:37:14	Rate Check 134		3.5	15.23	11.5	87.4
13:38:14	Rate Check 145		3.4	15.49	14.9	90.9
13:40:14	Rate Check 123		3.3	15.49	21.7	97.6
13:41:14	shut down drop plu	-8	0.0	-0.01	0.0	100.1
13:42:14	Rate Check -20		0.0	8.51	0.0	100.1
13:43:14	pump displacement	137	5.0	8.50	1.4	101.5
13:44:14	Rate Check 80		3.9	8.47	6.0	106.1
13:45:14	Rate Check 77		3.9	8.47	9.9	109.9
13:46:14	Rate Check 76		3.9	8.45	13.8	113.8
13:48:14	Rate Check 73		3.9	8.47	21.5	121.6
13:50:14	Rate Check 73		3.9	8.46	29.3	129.3
13:52:14	Rate Check 188		3.9	8.46	37.0	137.1
13:54:14	Rate Check 314		3.9	8.46	44.8	144.9
13:56:14	Rate Check 442		3.2	8.46	52.2	152.3
13:58:14	Rate Check 492		2.4	8.46	57.0	157.1
14:00:14	Rate Check 574		2.4	8.46	61.9	161.9
14:02:14	Rate Check 640		2.0	8.47	66.3	166.4
14:04:14	Start Stage -15		0.0	8.46	0.0	0.0

Saturday, March 22, 2008

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**BREAK THROUGH**

ELK RESOURCES

UTE MOUNTAIN TRIBAL #21-D

36-000841-00

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**{1} Intermediate Casing - Units**

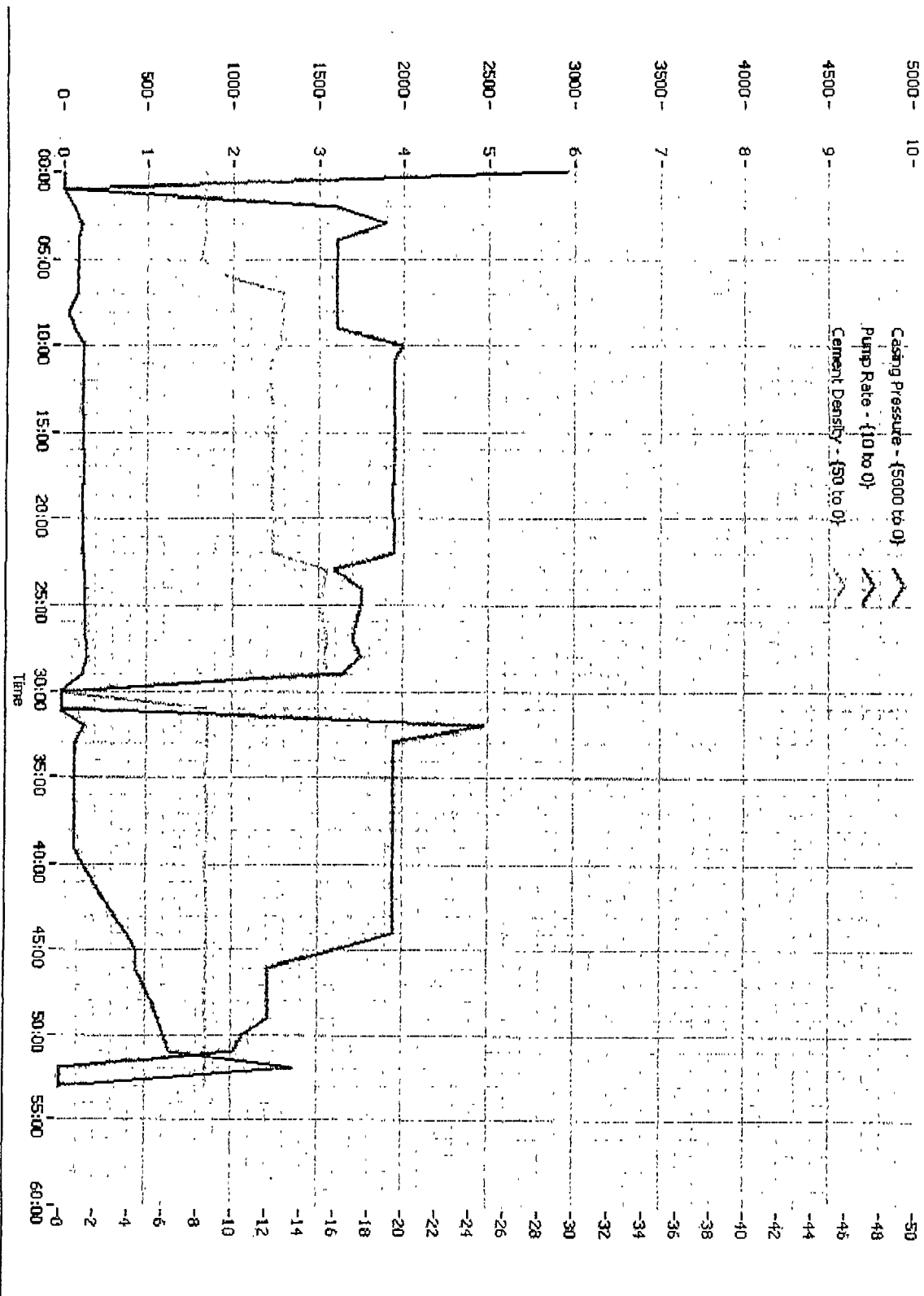
Casing Pressure	CASING-psi	psi
Pump Rate	PUMP RATE-bpm	bpm
Cement Density	DENSITY-ppg	ppg
Slurry Fluid Volume Stage	SLRY VOL STG-bbls	bbl
Slurry Fluid Volume Job	SLRY VOL TOT-bbls	bbl



ELK RESOURCES

UTE MOUNTAIN TRIBAL #21-D

36-000841-00



{1} Intermediate Casing - Relative Time Chart [36-000841-00-1-RT-1]

Saturday, March 22, 2008

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**BREAK THROUGH**

ELK RESOURCES

UTE MOUNTAIN TRIBAL #21-D

36-000841-00

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**Post Job Summary**

Pressure Test	3250psi
Initial Circulating Rate	2bpm
Initial Circulating Pressure	80psi
Lead Slurry Sacks	140sks 65/35 std poz 6% Gel + 5# Gilsomite + 1/4# Superflake
Lead Slurry Volume	50.8 bbls mixed @ 12.3# 1.94yield 10.32WR
Tail Slurry Sacks	100sks Std 2% C.C. + 5# Gilsomite + 1/4# Superflake
Tail Slurry Volume	22.6 bbls mixed @15.2# 1.27yield 5.25WR
First Stage Displacement	71.6bbls
Second Stage Displacement	
Cmt Circulated 1st Stg	18bbls
Cmt Circulated 2nd Stg	
Average Displacement Rate	
Final Circulating Rate	2bpm
Final Circulating Pressure	700psi
Plug Bumped?	yes
Pressure When Plug Bumped	1500psi
DV Tool Opened @	
DV Tool Closed @	
Floats Hold?	yes



SUPERIOR WELL SERVICE		PROUD TO BE SUPERIOR		SUPERIOR WELL SERVICE	
COMPANY	Elk Resources	DATE	March 22, 2008		
COMPANY REP.	Mike Confer	CO. REP. TELE. #	505.330.2202		
CONTRACTOR	D&D Drilling	TOWN/STATE	NM		
LEASE	Ute Mountain Tribal	WELL NO.	#21-D		
API NO.		COUNTY	San Juan		
R/T MILEAGE	50	SUPERVISOR	Leonard Clitso		

From Kirtland north at light to just past the waste dump turn left and go 8 miles on the main rd. Go .5 mile past the haul road and turn left. Then follow the rig signs to loc.

PIPE INFORMATION					
	SIZE	WEIGHT	THREAD	GRADE	DEPTH
CONDUCTOR:			8rd		
SURFACE:	9 5/8"	36#	8rd	J-55	141
INTERMEDIATE:	7"	23#	8rd	J-55	1822
PRODUCTION:			8rd		
DRILLPIPE/TBG:					
OPEN HOLE:	8 3/4"	WELL FLUID: MUD	DISP FLUID: H2O		1825

CONDUCTOR	SQUEEZE	ACID SPOT
SURFACE	PLUGBACK	ACID BREAKDOWN
INTERMEDIATE	KICKOFF PLUG	ACID DUMPS
LONGSTRING	PTA	MISC PUMP
TYPE OF JOB	7" Intermediate	

CEMENT INFORMATION							
PREFLUSH:BBLs	5/10/5	PREFLUSH TYPE:	H2O/DUSTFLUSH/H2O				
LEAD SACKS	147	TYPE	65/35/STD/POZ	50.8	Cmt Bbls	36.1	Mix H2O
ADDITIVES	6% Gel + 5# Gilsonite + 1/4# Superflake						
MIXED AT	12.3	LBS/GAL	YIELD	1.94	WATER	10.32	GAL/SK
TAIL SACKS	100	TYPE	STD	22.6	Cmt Bbls	12.5	Mix H2O
ADDITIVES	2% C.C. + 5# Gilsonite + 1/4# Superflake						
MIXED AT	15.2	LBS/GAL	YIELD	1.27	WATER	5.25	GAL/SK

SACKS	TYPE				
ADDITIVES					
MIXED AT	LBS/GAL	YIELD	WATER	GAL/SK	
SACKS	TYPE				
ADDITIVES					
MIXED AT	LBS/GAL	YIELD	WATER	GAL/SK	

ACID	GALS	TYPE			
ADDITIVES					
GALS	TYPE				
ADDITIVES					

### REMARKS / SAFETY / EQUIPMENT

Take cement head and a rubber plug.

EQUIPMENT					
CASING SIZE:	GUIDE SHOE	TYPE			
7"	FLOAT SHOE	TYPE			
THREAD:	FLOAT COLLAR	TYPE			
8rd	STAGE TOOL	TYPE			
	CENTRALIZERS	TYPE		PINS	
	TURBOS	TYPE			
	INSERT FLOAT	STOP RINGS		T-LOCK	

REMARKS

CALL INFORMATION			
CALL TAKEN BY	L. Clitso	DATE/TIME OF CALL	3/21/2008
ORDERED BY	Mike	TIME READY	3/22/2008 on loc@ 10:00AM
REVIEWED BY	L. Clitso	CREW FROM	Farmington
% DISCOUNT	60%	MATERIALS FROM	Farmington
JOB NUMBER	841		





# ELK SAN JUAN, INC.

Report Date 3/8/08  
Report Number 1

Well UMT 21D Loc \_\_\_\_\_  
Operation Days \_\_\_\_\_ 1 Spud date and time \_\_\_\_\_ San Juan County, NM  
Depth at report time \_\_\_\_\_ 0 Cum hrs drilling \_\_\_\_\_ 0 Form. at report \_\_\_\_\_  
Present operation MIRU D & D services Rig #1, Prep to spud KB 5

TIME			SURVEY			DRILL STRING		
Drilling	_____ Hrs	NUWD/BC	_____ Hrs	Depth	Angle	String Wt	_____	M/lbs
Survey	_____ Hrs	Logging	_____ Hrs	_____	_____ Deg	WOB	_____	M/lbs
Rig Service	_____ Hrs	LDDP/DC	_____ Hrs	_____	_____ Deg	Drag UP	_____	M/lbs
Trip	_____ Hrs	Run Casin	_____ Hrs	_____	_____ Deg	Drag Down	_____	M/lbs
W&R	_____ Hrs	Cmtng	_____ Hrs	_____	_____ Deg	Max Pull	_____	M/lbs
C&C	_____ Hrs	WOC	_____ Hrs	_____	_____ Deg	Rot. Torque	_____	M/lbs
Rig Repairs	_____ Hrs	Drill cmt	_____ Hrs	_____	_____ Deg	RPM (RT/MM)	_____	
LD/PU Tools	_____ Hrs	Testing	_____ Hrs	_____	_____ Deg	Air	_____	CFM
move rig	9.75 Hrs		_____ Hrs	_____	_____ Deg	Press	_____	PSI
Total today	9.75 Hrs		_____ Hrs	_____	_____ Deg	Dp	_____	Jts

## MUD PROPERTIES

Weight	_____	Gel Streng	_____	Cake Thickness	_____	Calcium	_____
Funnel Vis	_____	PH	_____	Alkalinity, Mud	_____	Sand Cont.	_____
Plastic Vis	_____	Filtrate AP	_____	Alkalinity, Filtrate	_____	Solids Cont	_____
Yield Point	_____	API HT-HF	_____	Chlonde	_____	Water Cont	_____

Drilling Bit Number	Serial Number	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
1	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
2	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Pump # 1	_____	Liner	_____	Stroke (in)	_____	GPM	_____	SPM	_____	Pressure	_____
Pump # 2	_____	Liner	_____	Stroke (in)	_____	GPM	_____	SPM	_____	Pressure	_____

Details:	MIRU D & D Services Rig #1 prep to spud

Geol. ( ), Mud logger ( ) Report:		Show #	Depth	Drill Rate	Gas
Background Gas	_____				
Connection Gas	_____				
Trip Gas	_____				

## COST

Location, Road & ROW's	_____	\$0	Camp, Trash, San.	_____	\$0
Pit liner, Fence	_____	\$0	Mud logging	_____	\$0
Day work Contract	_____	\$0	Cement Services	_____	\$0
Air rig (drill surf)	_____	\$0	Abandonment	_____	\$0
Mobilization	_____	\$0	Materials & supplies	_____	\$0
Air	_____	\$0	Will Head Inst.	_____	\$0
Supervision	\$800	\$800	BOP Test	_____	\$0
Contract Labor	_____	\$0		_____	\$0
Transportation & Hauling	_____	\$0		_____	\$0
Rental Equipment	\$25	\$25		_____	\$0
Fuel	_____	\$0	Surface Csg	_____	\$0
Water	\$1,500	\$1,500	Conductor Pipe	_____	\$0
Drilling Mud & Chemicals	_____	\$0	Intermediate Csg	_____	\$0
Bits	_____	\$0	Wellhead Equip.	_____	\$0
Logging (open Hole)	_____	\$0	Other Tangible	_____	\$0
Mud Motor, Down Hole Tool	_____	\$0	Other Intangible	_____	\$0
Total Daily Cost	\$2,325	\$2,325	Cum Costs	\$0	\$2,325

CONSTRUCTION Supervisor

M. A. Confer

Reported to tom young

Fax

303-339-1917



ELK SAN JUAN, INC.

Report Date 3/9/08  
Report Number 2

Well UMT 21D Loc  
Operation Days 2 Spud date and time 3/9/2008 @ 05:00 San Juan County, NM  
Depth at report time 145' Cum hrs drilling 3.25 Form at report Lewis  
Present operation WOC and Prep to test BOP KB 5

TIME				SURVEY		DRILL STRING	
Drilling	3.25	Hrs	NU/ND/BOP	1.75	Hrs	String Wt	
Survey		Hrs	Logging		Hrs	WOB	all
Rig Service		Hrs	LDD/DC		Hrs	Drag UP	
Trip	0.50	Hrs	Run Casing	0.75	Hrs	Drag Down	
W&R		Hrs	Cmtng	1	Hrs	Max Pull	
C&C	0.25	Hrs	WOC	3	Hrs	Rot Torque	
Rig Repairs		Hrs	Drill cmt		Hrs	RPM (RT/MM)	80
LD/PU Tools		Hrs	Testing		Hrs	Air	
Other		Hrs			Hrs	Press	
Total today			16.5		Hrs	Dp	5

#### MUD PROPERTIES

Weight	8.5	Gel Strength		Cake Thickness		Calcium
Funnel Vis	28	PH	9.0	Alkalinity, Mud		Sand Cont.
Plastic Vis		Filtrate API	N/C	Alkalinity, Filtrate		Solids Cont.
Yield Point		API HT-HP Filt		Chloride		Water Cont.

Drilling Bit	Serial	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
1	RT	12 1/4	SEC	3-18's	S33	0	145	145	3.25	44.6
2										
3										

Pump # 1 Gardner Denver Liner 5.5 Stroke (in) 10 GPM SPM 68 Pressure 0  
Pump # 2 Liner Stroke (in) GPM SPM Pressure

Details Spud 12 1/4" surface hole at 05:00 hrs 3/9/2008, BLM notified at 14:00 hrs 3/8/2008, drilled 12 1/4" hole to 145', PU and RIH with 3 jts 9 5/8" 36# J-55 ST&C csg to 139', cemented surface csg with Superior Well Services, pumped 5 bbls FW ahead followed by 95 sks ( 20 bbls ) STD with 2% CaCl2 and 1/4# surfake mixed at 15.6 ppg and 1.18 yeild, dropped wooden plug and displaced with 7.8 bbls FW, circ 5 bbls cement to pit, SWI with 55 psi.WOC and NU wellhead and BOP, SDON

Geol ( ), Mud logger ( ) Report:	Show #	Depth	Drill Rate	Gas
Background Gas	1			
Connection Gas				
Trip Gas				

#### COST

Location, Road & ROW's	\$0	Camp, Trash, San.	\$30	\$30
Pit liner, Fence	\$0	Mud logging		\$0
Day work Contract	\$0	Cement Services	\$3,250	\$3,250
Air rig (drill surf)	\$0	Abandonment		\$0
Mobilization	\$0	Materials & supplies		\$0
Air	\$0	Will Head Inst.		\$0
Supervision	\$800	BOP Test		\$0
Contract Labor	\$0			\$0
Transportation & Hauling	\$0			\$0
Rental Equipment	\$25			\$0
Fuel	\$0	Surface Csg		\$0
Water	\$1,500	Conductor Pipe		\$0
Drilling Mud & Chemicals	\$0	Intermediate Csg		\$0
Bits	\$0	Wellhead Equip.		\$0
Logging (open Hole)	\$0	Other Tangible		\$0
Mud Motor, Down Hole Tool	\$0	Other Intangible		\$0
Total Daily Cost	\$4,105	Cum Costs		\$6,430

Drilling Supervisor M. A. Confer Reported to tom young

Fax 303-339-1917



ELK SAN JUAN, INC.

Report Date	03/10/08
Report Number	3

Well UMT 21D Loc San Juan County, NM  
 Operation Days 3 Spud date and time 3/9/2008 @ 05: Form at report Lewis  
 Depth at report time 225 Cum hrs drilling 5 KB 5  
 Present operation SDON, prep to start drilling at 225'

TIME				SURVEY		DRILL STRING	
Drilling	1.75	Hrs	NUWD/BOP	Depth	Angle	String Wt	12k
Survey	0.50	Hrs	Logging	75	0.125	WOB	20k
Rig Service	0.50	Hrs	LDDP/DC			Drag UP	
Tnp	0.50	Hrs	Run Casing			Drag Down	
W&R		Hrs	Cmtng			Max Pull	
C&C	0.25	Hrs	WOC			Rot Torque	
Rig Repairs		Hrs	Dnll cmt			RPM (RT/MM)	80
LD/PU Tools		Hrs	Testing			Air	
Other	1	Hrs	Test BOP			Press	300
Total today			11			Dp	8

#### MUD PROPERTIES

Weight	8.4	Gel Strength		Cake Thickness		Calcium	
Funnel Vis	28	PH	9.0	Alkalinity, Mud		Sand Cont	
Plastic Vis		Filtrate API	N/C	Alkalinity, Filtrate		Solids Cont	
Yield Point		API HT-HP Fil		Chlonde		Water Cont	

Drilling Bit	Serial	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Feet per Hrs
1	RT	12 1/4	SEC	3-18's	S33	0	145	145	3.25
2	RR	8 3/4	HTC	14-14-15	09C	145	SIH	80	1.8
3									44.6

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	SPM	68	Pressure 300
Pump # 2		Liner		Stroke (in)		GPM	SPM		Pressure

Details Service rig and safety meeting, pressure test BOP with Four Corners Testing, test blind rams, pipe

rams, safety valve and choke manifold to 250# low for 5 min and 2000# high for 10 min, test csg to 600# for 30 min

held OK, RIH, tag cement at 75', wireline survey 1/8 deg at 75', wait on approval from BLM, drill cement 75' to 145'

Started drilling new formation (8 3/4" hole) at 15:30 hrs 3/10/2008, drilled 145' to 225', circ clean and PUH 100',

secure well and SDON

Geol ( ), Mud logger ( ) Report	Show #	Depth	Drill Rate	Gas
Background Gas				
Connection Gas				
Tnp Gas				

#### COST

Location, Road & ROW's	\$10,000	\$10,000	Camp, Trash, San	\$90	\$120
Pit liner, Fence	\$2,000	\$2,000	Mud logging		\$0
Day work Contract	\$16,130	\$16,130	Cement Services		\$3,250
Air ng (dnll surf)		\$0	Abandonment		\$0
Mobilization	\$5,000	\$5,000	Materials & supplies		\$0
Air		\$0	Well Head Inst		\$0
Supervision	\$800	\$2,400	BOP Test	\$1,500	\$1,500
Contract Labor	\$1,780	\$1,780			\$0
Transportation & Hauling		\$0			\$0
Rental Equipment	\$570	\$620			\$0
Fuel	\$360	\$360	Surface Csg	\$2,000	\$2,000
Water		\$1,500	Conductor Pipe		\$0
Drilling Mud & Chemicals		\$0	Intermediate Csg		\$0
Bits	\$2,400	\$2,400	Wellhead Equip		\$0
Logging (open Hole)		\$0	Other Tangible		\$0
Mud Motor, Down Hole Tool		\$0	Other Intangible		\$0
		\$0			\$0
Total Daily Cost	\$42,630		Cum Costs		\$93,694

Drilling Supervisor M. A. Confer Reported to tom young

303-339-1917



# ELK SAN JUAN, INC.

Report Date 3/11/08  
Report Number 4

Well UMT 21D Loc \_\_\_\_\_  
Operation Days 4 Spud date and time 3/9/2008 @ 05: San Juan County, NM  
Depth at report time 425 Cum hrs drilling 125 Form. at report Cliff House  
Present operation SDON, prep to start drilling at 425' KB 5

TIME			SURVEY			DRILL STRING		
Drilling	7.50	Hrs	NU/DIBOP	_____	Hrs	String Wt	17k	M/lbs
Survey	1.75	Hrs	Logging	_____	Hrs	WOB	5k	M/lbs
Rig Service	0.50	Hrs	LDDP/DC	_____	Hrs	Drag UP	_____	M/lbs
Trip	1.50	Hrs	Run Casing	_____	Hrs	Drag Down	_____	M/lbs
W&R	_____	Hrs	Cmtng	_____	Hrs	Max Pull	_____	M/lbs
C&C	_____	Hrs	WOC	_____	Hrs	Rot Torque	_____	M/lbs
Rig Repairs	_____	Hrs	Drill cmt	_____	Hrs	RPM (RT/MM)	80	_____
LD/PU Tools	_____	Hrs	Testing	_____	Hrs	Air	_____	CFM
Other	0.25	Hrs	_____	_____	Hrs	Press	300	PSI
Total today			11.5	_____	Hrs	Dp	18	Jts

## MUD PROPERTIES

Weight	8.4	Gel Strength	_____	Cake Thickness	_____	Calcium	_____
Funnel Vis	28	PH	9.0	Alkalinity, Mud	_____	Sand Cont.	_____
Plastic Vis	_____	Filtrate API	N/C	Alkalinity, Filtrate	_____	Solids Cont	_____
Yield Point	_____	API HT-HP Filt	_____	Chloride	_____	Water Cont	_____

Drilling Bit	Serial	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
1	RT	12 1/4	SEC	3-18's	S33	0	145	145	3.25	44.6
2	RR	8 3/4	HTC	14-14-15	09C	145	365	220	3.50	62.8
3	RT	6 1/4	Veral	3-14's	CH7	365	SIH	60	4	15.0

Pump # 1	Gardner Denver	Liner	Stroke (in)	5.5	GPM	SPM	68	Pressure 300
Pump # 2	_____	Liner	Stroke (in)	_____	GPM	SPM	_____	Pressure

Details Service rig and RIH, 10' fill, washed to bottom and drilled 225' to 265', wireline survey 2 3/4 deg at 245', drill 8 3/4 hole 265' to 365', wireline survey 4 deg at 345', TOH for smaller bit, PU 6 1/4" bit and TIH, drill 365' to 425', circ hole clean and PUH 100', secure well and SDON.

Geol ( ), Mud logger ( ) Report	_____	Show #	Depth	Drill Rate	Gas
Background Gas	_____	_____	_____	_____	_____
Connection Gas	_____	_____	_____	_____	_____
Trip Gas	_____	_____	_____	_____	_____

## COST

Location, Road & ROWs	\$10,000	Camp, Trash, San	\$30	\$150
Pit liner, Fence	\$2,000	Mud logging	_____	\$0
Day work Contract	\$4,980	Cement Services	_____	\$3,250
Air rig (drill surf)	\$0	Abandonment	_____	\$0
Mobilization	\$5,000	Materials & supplies	_____	\$0
Air	\$0	Will Head Inst	_____	\$0
Supervision	\$800	BOP Test	_____	\$1,500
Contract Labor	\$1,780	_____	_____	\$0
Transportation & Hauling	\$0	_____	_____	\$0
Rental Equipment	\$50	_____	_____	\$0
Fuel	\$470	Surface Csg	\$890	\$2,890
Water	\$250	Conductor Pipe	_____	\$0
Drilling Mud & Chemicals	\$0	Intermediate Csg	_____	\$0
Bits	\$1,050	Wellhead Equip.	\$4,000	\$4,000
Logging (open Hole)	\$0	Other Tangible	_____	\$0
Mud Motor, Down Hole Tool	\$0	Other Intangible	_____	\$0
Total Daily Cost	\$12,520	Cum Costs	_____	\$61,580

Drilling Supervisor M. A. Confer Reported to tom young

303-339-1917



# ELK SAN JUAN, INC.

Report Date 3/12/08  
Report Number 5

Well **UMT 21D** Loc \_\_\_\_\_  
Operation Days **5** Spud date and time **3/9/2008 @ 05:00** San Juan County, NM  
Depth at report time **505** Cum hrs drilling **18.5** Form at report **Cliff House**  
Present operation **SDON, prep to start drilling at 505'** KB

TIME				SURVEY			DRILL STRING	
Drilling	6.00	Hrs	NU/ND/BOP	Depth	Angle		String Wt	17K
Survey	0.25	Hrs	Logging	75	0.125	Deg	WOB	5K
Rig Service	0.50	Hrs	LDDP/DC	245	2.75	Deg	Drag UP	
Trip	0.25	Hrs	Run Casing	345	4.00	Deg	Drag Down	
W&R		Hrs	Cmtng	445	4.00	Deg	Max Pull	
C&C		Hrs	WOC			Deg	Rot Torque	
Rig Repairs	3.5	Hrs	Drill cmt			Deg	RPM (RT/MM)	80
LD/PU Tools		Hrs	Testing			Deg	Air	
Other		Hrs				Deg	Press	300
Total today			11.0			Deg	Dp	22

## MUD PROPERTIES

Weight	8.4	Gel Strength		Cake Thickness		Calcium
Funnel Vis	29	PH	9.0	Alkalinity, Mud		Sand Cont.
Plastic Vis		Filtrate API	N/C	Alkalinity, Filtrate		Solids Cont.
Yield Point		API HT-HP Filtr		Chloride		Water Cont.

Drilling Bit	Serial	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
1	RT	12 1/4	SEC	3-18's	S33	0	145	145	3.25	44.6
2	RR	8 3/4	HTC	14-14-15	09C	145	365	220	3.50	62.8
3	RT	6 1/4	Veral	3-14's	CH7	365	SIH	140	10	14.0

Pump # 1 **Gardner Denver** Liner **5.5** Stroke (in) **10** GPM \_\_\_\_\_ SPM **68** Press 300  
Pump # 2 \_\_\_\_\_ Liner \_\_\_\_\_ Stroke (in) \_\_\_\_\_ GPM \_\_\_\_\_ SPM \_\_\_\_\_ Pressure

Details **Service Rig and hold safety meeting, TIH, no fill, drilling 6 1/4" hole 425' to 465', wireline survey 4 deg at 445', drilling 6 1/4" hole 465' to 484', rig repair, chain in transmission broke, replaced chain and reinstalled transmission, drilling 6 1/4" hole 484' to 505', circ clean and PUH 100', secure well and SDON**

Geol. ( ), Mud logger ( ) Report	Show #	Depth	Drill Rate	Gas
Background Gas				
Connection Gas				
Trp Gas				

## COST

Location, Road & ROW's	\$10,000	Camp, Trash, San	\$150
Pit liner, Fence	\$2,000	Mud logging	\$0
Day work Contract	\$3,250	Cement Services	\$3,250
Air rig (drill surf)	\$0	Abandonment	\$0
Mobilization	\$5,000	Materials & supplies	\$0
Air	\$0	Will Head Inst.	\$0
Supervision	\$800	BOP Test	\$1,500
Contract Labor	\$950	VALUES& FITTINGS	\$0
Transportation & Hauling	\$0		\$0
Rental Equipment	\$425		\$0
Fuel	\$480	Surface Csg	\$2,890
Water	\$1,750	Conductor Pipe	\$0
Drilling Mud & Chemicals	\$0	Intermediate Csg	\$0
Bits	\$3,450	Wellhead Equip.	\$4,000
Logging (open Hole)	\$0	Other Tangible	\$0
Mud Motor, Down Hole Tool	\$0	Other Intangible	\$0
Total Daily Cost	\$5,905	Cum Costs	\$67,485

Drilling Supervisor **M. A. Confer** Reported to **tom young**

303-339-191



ELK SAN JUAN, INC.

Report Date 3/13/08  
Report Number 6

Well UMT 21D Loc \_\_\_\_\_  
Operation Days 6 Spud date and time 3/9/2008 @ 05:00 San Juan County, NM  
Depth at report time 745 Cum hrs drilling 27.5 Form. at report Menefee  
Present operation SDON, prep to start drilling at 745' KB 5

TIME				SURVEY		DRILL STRING	
Drilling	9.00	Hrs	NUJND/BOP	Depth	Angle	String Wt	20K
Survey	0.75	Hrs	Logging	75	0.125	WOB	5 to 15K
Rig Service	0.50	Hrs	LDDP/DC	245	2.75	Drag UP	
Tnp	0.50	Hrs	Run Casing	345	4.00	Drag Down	
W&R		Hrs	Cmling	445	4.00	Max Pull	
C&C	0.25	Hrs	WOC	565	4.00	Rot. Torque	
Rig Repairs		Hrs	Drill cmt	665	4.00	RPM (RT/MM)	80
LD/PU Tools		Hrs	Testing			Air	
Other	0.25	Hrs				Press	300
Total today			11.25			Dp	34

#### MUD PROPERTIES

Weight	8.5	Gel Strength		Cake Thickness		Calcium
Funnel Vis	29	PH	9.0	Alkalinity, Mud		Sand Cont
Plastic Vis		Filtrate API	N/C	Alkalinity, Filtrate		Solids Cont
Yield Point		API HT-HP Fil		Chloride		Water Cont.

Drilling Bit Number	Serial Number	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
1	RT	12 1/4	SEC	3-18's	S33	0	145	145	3.25	44.6
2	RR	8 3/4	HTC	14-14-15	09C	145	365	220	3.50	62.8
3	RT	6 1/4	Veral	3-14's	CH7	365	SIH	380	19	20.0

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	SPM	68	Press 300
Pump # 2		Liner		Stroke (in)		GPM	SPM		Pressure

Details Service rig and safety meeting, RIH, No fill, drill 6 1/4" hole 505' to 585', wireline survey 4deg at 565', drilling 6 1/4" hole 585' to 685', wireline survey 4 deg at 665', drilling 6 1/4" hole 685' to 745', circ hole clean, PUH 200' Secure well and SDON

Geol ( ), Mud logger ( ) Report:	Show #	Depth	Drill Rate	Gas
Background Gas				
Connection Gas				
Tnp Gas				

#### COST

Location, Road & ROW's	\$10,000	Camp, Trash, San.	\$50	\$200
Pit liner, Fence	\$2,000	Mud logging		\$0
Day work Contract	\$4,875	Cement Services		\$3,250
Air rig (drill surf)		Abandonment		\$0
Mobilization	\$5,000	Materials & supplies		\$0
Air	\$0	Well Head Inst		\$0
Supervision	\$800	BOP Test		\$1,500
Contract Labor	\$475			\$0
Transportation & Hauling	\$500			\$0
Rental Equipment	\$500			\$0
Fuel	\$480	Surface Csg		\$2,890
Water	\$750	Conductor Pipe		\$0
Drilling Mud & Chemicals		Intermediate Csg		\$0
Bits	\$1,200	Wellhead Equip		\$4,000
Logging (open Hole)		Other Tangible		\$0
Mud Motor, Down Hole Tool		Other Intangible		\$0
				\$0
Total Daily Cost	\$9,630	Cum Costs		\$77,115

Drilling Supervisor M. A. Confer Reported to tom young

Fax 303-339-1917



ELK SAN JUAN, INC.

Report Date 3/14/08  
Report Number 7

Well UMT 21D Loc  
Operation Days 7 Spud date and time 3/9/2008 @ 05:00 San Juan County, NM  
Depth at report time 1025 Cum hrs drilling 36 25 Form. at report Menefee  
Present operation SDON, prep to start drilling at 1025' KB 5

TIME				SURVEY		DRILL STRING		
Drilling	8 75	Hrs	NUWDBOP	Depth	Angle	String Wt	28K	M/lbs
Survey	1.25	Hrs	Logging	75	0 125 Deg	WOB	18	M/lbs
Rig Service	0.50	Hrs	LDDPDC	245	2.75 Deg	Drag UP		M/lbs
Tnp	0.75	Hrs	Run Casing	345	4.00 Deg	Drag Down		M/lbs
W&R		Hrs	Cmling	445	4.00 Deg	Max Pull		M/lbs
C&C		Hrs	WOC	565	4.00 Deg	Rot Torque		M/lbs
Rig Repairs		Hrs	Drill cmt	665	4 00 Deg	RPM (RT/MM)	80	
LD/PU Tools		Hrs	Testing	745	4.25 Deg	Air		CFM
Other	0 25	Hrs		845	5.0 Deg	Press	300	PSI
Total today				945	4.0 Deg	Dp		Jts

## MUD PROPERTIES

Weight	8.5	Gel Strength		Cake Thickness		Calcium	
Funnel Vis	30	PH	9.0	Alkalinity, Mud		Sand Cont	
Plastic Vis		Filtrate API	N/C	Alkalinity, Filtrate		Solids Cont.	
Yield Point		API HT-HP Filtr		Chlonde		Water Cont	

Drilling Bit Number	Senal Number	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
1	RT	12 1/4	SEC	3-18's	S33	0	145	145	3.25	44.6
2	RR	8 3/4	HTC	14-14-15	09C	145	365	220	3.50	62.8
3	RT	6 1/4	Veral	3-14's	CH7	365	SIH	660	27.8	2.3.8

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	SPM	68	Pressure	300
Pump # 2		Liner		Stroke (in)		GPM	SPM		Pressure	

Details: Service rig and RIH, no fill, drilling 6 1/4" hole 745' to 765', wireline survey 4 1/4 deg at 745', drilling 6 1/4" hole 765' to 865', wireline survey 5 deg at 845', drilling 6 1/4" hole 865' to 965', wireline survey 4 deg at 945', drilling 6 1/4" hole 965' to 1025', PUH 100', secure well and SDON.

Geol ( ), Mud logger ( ) Report.	Show #	Depth	Drill Rate	Gas
Background Gas				
Connection Gas				
Tnp Gas				

## COST

Location, Road & ROW's	\$10,000	Camp, Trash, San.	\$50	\$250
Pit liner, Fence	\$2,000	Mud logging		\$0
Day work Contract	\$4,980	Cement Services		\$3,250
Air rig (drill surf)		Abandonment		\$0
Mobilization	\$5,000	Materials & supplies		\$0
Air	\$0	Will Head Inst		\$0
Supervision	\$800	BOP Test		\$1,500
Contract Labor	\$480			\$0
Transportation & Hauling	\$500			\$0
Rental Equipment	\$450			\$0
Fuel	\$480	Surface Csg		\$2,890
Water	\$2,500	Conductor Pipe		\$0
Drilling Mud & Chemicals	\$0	Intermediate Csg		\$0
Bits	\$4,650	Wellhead Equip		\$4,000
Logging (open Hole)	\$0	Other Tangible		\$0
Mud Motor, Down Hole Tool	\$0	Other Intangible		\$0
FISHING TOOLS	\$0			\$0
Total Daily Cost	\$7,190	Cum Costs	\$7,240	\$84,355

Drilling Supervisor M. A. Confer Reported to tom young

303-339-1917



ELK SAN JUAN, INC.

Report Date 3/15/08  
Report Number 8

Well UMT 21D Loc \_\_\_\_\_  
Operation Days 8 Spud date and time 3/9/2008 @ 05:1 San Juan County, NM  
Depth at report time 1325 Cum hrs drilling 44.75 Form. at report Point Lookout  
Present operation SDON, prep to start drilling at 1325' KB 5

TIME					SURVEY			DRILL STRING			
Drilling	8.50	Hrs	NU/ND\BOP	_____	Hrs	Depth	Angle	Stngg Wt	30K	M/lbs	
Survey	1.5	Hrs	Logging	_____	Hrs	445	4.00	WOB	20	M/lbs	
Rig Service	0.50	Hrs	LDDP\DC	_____	Hrs	565	4.00	Drag UP	_____	M/lbs	
Tnp	1.00	Hrs	Run Casing	_____	Hrs	665	4.00	Drag Down	_____	M/lbs	
W&R	_____	Hrs	Cmtng	_____	Hrs	745	4.25	Max Pull	_____	M/lbs	
C&C	_____	Hrs	WOC	_____	Hrs	845	5.0	Rot Torque	_____	M/lbs	
Rig Repairs	_____	Hrs	Drill cmt	_____	Hrs	945	4.0	RPM (RT/MM)	80	_____	
LD\PU Tools	_____	Hrs	Testing	_____	Hrs	1045	5.0	Air	_____	CFM	
Other	0.25	Hrs	_____	_____	Hrs	1145	4.5	Press	300	PSI	
Total today					11.75	Hrs	1245	5.0	Dp	_____	Jts

#### MUD PROPERTIES

Weight	8.5	Gel Strength	_____	Cake Thickness	_____	Calcium	_____
Funnel Vis	30	PH	9.0	Alkalinity, Mud	_____	Sand Cont	_____
Plastic Vis	_____	Filtrate API	N/C	Alkalinity, Filtrate	_____	Solids Cont	_____
Yield Point	_____	API HT-HP Fil	_____	Chloride	_____	Water Cont.	_____

Drilling Bit	Serial	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
1	RT	12 1/4	SEC	3-18's	S33	0	145	145	3.25	44.6
2	RR	8 3/4	HTC	14-14-15	09C	145	365	220	3.50	62.8
3	RT	6 1/4	Veral	3-14's	CH7	365	SIH	960	35.8	26.9

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	SPM	68	Pressure	300
Pump # 2	_____	Liner	_____	Stroke (in)	_____	GPM	SPM	_____	Pressure	_____

Details	Service rig and RIH, 4' fill, drilling 6 1/4" hole 1025' to 1065', wireline survey 5 deg at 1045', drilling 6 1/4" hole 1065' to 1165', wireline survey 4.5 deg at 1145', drilling 6 1/4" hole 1165' to 1265', wireline survey deg at 1245', drilling 6 1/4" hole 1265' to 1325', PUH 100', secure well and SDON									

Geol ( ), Mud logger ( ) Report	Show #	Depth	Drill Rate	Gas
Background Gas	_____	_____	_____	_____
Connection Gas	_____	_____	_____	_____
Tnp Gas	_____	_____	_____	_____

#### COST

Location, Road & ROW's	\$10,000	Camp, Trash, San	\$50	\$300
Pit liner, Fence	\$2,000	Mud logging	_____	\$0
Day work Contract	\$5,090	Cement Services	_____	\$3,250
Air ng (drill surf)	_____	Abandonment	_____	\$0
Mobilization	\$5,000	Materials & supplies	_____	\$0
Air	_____	Well Head Inst	_____	\$0
Supervision	\$800	BOP Test	_____	\$1,500
Contract Labor	\$480	_____	_____	\$0
Transportation & Hauling	_____	_____	_____	\$0
Rental Equipment	\$450	_____	_____	\$0
Fuel	\$480	Surface Csg	_____	\$2,890
Water	_____	Conductor Pipe	_____	\$0
Drilling Mud & Chemicals	_____	Intermediate Csg	_____	\$0
Bits	_____	Wellhead Equip	_____	\$4,000
Logging (open Hole)	_____	Other Tangible	_____	\$0
Mud Motor, Down Hole Tool	_____	Other Intangible	_____	\$0
FISHING TOOLS	_____	_____	_____	\$0
Total Daily Cost	\$7,300	Cum Costs	\$7,350	\$91,705

Drilling Supervisor M. A. Confer Reported to tom young

303-339-1917





ELK SAN JUAN, INC

Report Date	3/16/08
Report Number	9

Well **UMT 21D** Loc \_\_\_\_\_  
 Operation Days **9** Spud date and time **3/9/2008 @ 05:00** San Juan County, NM  
 Depth at report time **1525** Cum hrs drilling **51.50** Form at report **Point Lookout**  
 Present operation **SDON, prep to start drilling at 1525'** KB **5**

TIME				SURVEY			DRILL STRING		
Drilling	6.75	Hrs	NU/ND/BOP	_____	Hrs	Depth	Angle	_____	_____
Survey	0.5	Hrs	Logging	_____	Hrs	565	4.00	Deg	32K
Rig Service	0.75	Hrs	LDDP/DC	_____	Hrs	665	4.00	Deg	20
Tnp	2.75	Hrs	Run Casing	_____	Hrs	745	4.25	Deg	_____
W&R	_____	Hrs	Cmting	_____	Hrs	845	5.0	Deg	_____
C&C	_____	Hrs	WOC	_____	Hrs	945	4.0	Deg	_____
Rig Repairs	_____	Hrs	Drill cmt	_____	Hrs	1045	5.0	Deg	80
LD/PU Tools	_____	Hrs	Testing	_____	Hrs	1145	4.5	Deg	_____
Other	0.25	Hrs	_____	_____	Hrs	1245	5.0	Deg	300
Total today	11.00	Hrs	_____	_____	Hrs	1465	4.75	Deg	_____

MUD PROPERTIES

Weight	8.5	Gel Strength	_____	Cake Thickness	_____	Calcium	_____
Funnel Vis	30	PH	9.0	Alkalinity, Mud	_____	Sand Cont.	_____
Plastic Vis	_____	Filtrate API	N/C	Alkalinity, Filtrate	_____	Solids Cont	_____
Yield Point	_____	API HT-HP Fil	_____	Chloride	_____	Water Cont	_____

Drilling Bit Number	Serial Number	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
2	RR	8 3/4	HTC	14-14-15	09C	145	365	220	3.50	62.8
3	RT	6 1/4	Veral	3-14's	CH7	365	1325	960	35.8	26.9
4	RT	6 1/4	STC	3-14's	RR	1325	SIH	200	6.75	29.6

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	_____	SPM	68	Pressure	300
Pump # 2	_____	Liner	_____	Stroke (in)	_____	GPM	_____	SPM	_____	Pressure	_____

Details Service rig and TOH with bit #3, bearing 7, teeth 6 and 1/4" out of gauge, TIH with Bit #4 and drill 6 1/4" hole 1325' to 1485', wireline survey 4 3/4 deg at 1465', drill 6 1/4" hole 1485' to 1525', lay down 100' DP, Secure well and SDON

Geol ( ), Mud logger ( ) Report	Show #	Depth	Drill Rate	Gas
Background Gas	_____	_____	_____	_____
Connection Gas	_____	_____	_____	_____
Trip Gas	_____	_____	_____	_____

COST

Location, Road & ROW's	\$10,000	Camp, Trash, San	\$50	\$350
Pit liner, Fence	\$2,000	Mud logging	_____	\$0
Day work Contract	\$4,770	Cement Services	_____	\$3,250
Air ng (drill surf)	_____	Abandonment	_____	\$0
Mobilization	\$5,000	Materials & supplies	_____	\$0
Air	_____	Well Head Inst	_____	\$0
Supervision	\$800	BOP Test	_____	\$1,500
Contract Labor	\$480	_____	_____	\$0
Transportation & Hauling	_____	_____	_____	\$0
Rental Equipment	\$50	_____	_____	\$0
Fuel	\$480	Surface Csg	_____	\$2,890
Water	_____	Conductor Pipe	_____	\$0
Drilling Mud & Chemicals	_____	Intermediate Csg	_____	\$0
Bits	\$4,650	Wellhead Equip	_____	\$4,000
Logging (open Hole)	_____	Other Tangible	_____	\$0
Mud Motor, Down Hole Tool	_____	Other Intangible	_____	\$0
FISHING TOOLS	_____	_____	_____	\$0
Total Daily Cost	\$6,580	Cum Costs	\$6,630	\$98,335

Drilling Supervisor **M. A. Confer** Reported to **tom young**

303-339-1917



ELK SAN JUAN, INC.

Report Date	3/17/08
Report Number	10

Well **UMT 21D** Loc \_\_\_\_\_  
Operation Days \_\_\_\_\_ 10 Spud date and time **3/9/2008 @ 05:1** San Juan County, NM  
Depth at report time **1745'** Cum hrs drilling \_\_\_\_\_ 60 Form at report **Upper Mancos**  
Present operation **SDON, prep to start drilling at 1745'** KB \_\_\_\_\_ 5

TIME				SURVEY		DRILL STRING		
Drilling	8 50	Hrs	NU/ND/BOP	_____	Hrs	String Wt	33K	M/lbs
Survey	0.5	Hrs	Logging	_____	Hrs	WOB	20	M/lbs
Rig Service	0.75	Hrs	LDDP/DC	_____	Hrs	Drag UP	_____	M/lbs
Tnp	0.75	Hrs	Run Casing	_____	Hrs	Drag Down	_____	M/lbs
W&R	_____	Hrs	Cmlng	_____	Hrs	Max Pull	_____	M/lbs
C&C	_____	Hrs	WOC	_____	Hrs	Rot Torque	_____	M/lbs
Rig Repairs	_____	Hrs	Drill cmt	_____	Hrs	RPM (RT/MM)	80	
LD/PU Tools	_____	Hrs	Testing	_____	Hrs	Air	_____	CFM
Other	0.25	Hrs		_____	Hrs	Press	300	PSI
Total today				10.75	Hrs	Dp	_____	Jts

## MUD PROPERTIES

Weight	8.5	Gel Strength	_____	Cake Thickness	_____	Calcium	_____
Funnel Vis	30	PH	9.0	Alkalinity, Mud	_____	Sand Cont	_____
Plastic Vis	_____	Filtrate API	N/C	Alkalinity, Filtrate	_____	Solids Cont.	_____
Yield Point	_____	API HT-HP Fil	_____	Chloride	_____	Water Cont	_____

Drilling Bit Number	Serial Number	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
4	RT	6 1/4	STC	3-14's	RR	1325	SIH	440	15.3	28.9
5	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
6	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	_____	SPM	68	Pressure	300
Pump # 2	_____	Liner	_____	Stroke (in)	_____	GPM	_____	SPM	_____	Pressure	_____

Details Rig service and safety meeting, RIH, no fill, drill 6 1/4" hole 1525' to 1645', wireline survey 5 1/4 deg at 1645', drill 6 1/4" hole 1665 to 1745', circ and PUH 100', secure well and SDON

Geol ( ), Mud logger ( ) Report	Show #	Depth	Drill Rate	Gas
Background Gas	_____	_____	_____	_____
Connection Gas	_____	_____	_____	_____
Tnp Gas	_____	_____	_____	_____

## COST

Location, Road & ROW's	\$10,000	Camp, Trash, San.	\$50	\$350
Pit liner, Fence	\$2,000	Mud logging	_____	\$0
Day work Contract	\$4,440	Cement Services	_____	\$3,250
Air ng (drill surf)	\$0	Abandonment	_____	\$0
Mobilization	\$5,000	Materials & supplies	_____	\$0
Air	\$0	Well Head Inst	_____	\$0
Supervision	\$800	BOP Test	_____	\$1,500
Contract Labor	\$480	_____	_____	\$0
Transportation & Hauling	_____	_____	_____	\$0
Rental Equipment	\$500	_____	_____	\$0
Fuel	\$480	Surface Csg	_____	\$2,890
Water	\$2,500	Conductor Pipe	_____	\$0
Drilling Mud & Chemicals	\$0	Intermediate Csg	_____	\$0
Bits	\$4,650	Wellhead Equip	_____	\$4,000
Logging (open Hole)	\$0	Other Tangible	_____	\$0
Mud Motor, Down Hole Tool	\$0	Other Intangible	_____	\$0
FISHING TOOLS	\$0	_____	_____	\$0
Total Daily Cost	\$6,700	Cum Costs	\$6,750	\$105,035

Drilling Supervisor **M. A. Confer** Reported to **tom young**

303-339-1917



ELK SAN JUAN, INC.

Report Date	3/18/08
Report Number	11

Well UMT 21D Loc \_\_\_\_\_  
 Operation Days 11 Spud date and time 3/9/2008 @ 05:1 San Juan County, NM  
 Depth at report time 1825 Cum hrs drilling 63.5 Form at report Upper Mancos  
 Present operation SDON, prep to start reaming at 245' KB 5

TIME				SURVEY		DRILL STRING		
Drilling	3.50	Hrs	NU/ND/BOP	_____	Hrs	String Wt	33K	M/lbs
Survey	0.5	Hrs	Logging	_____	Hrs	WOB	20	M/lbs
Rig Service	0.75	Hrs	LDDP/DC	3.5	Hrs	Drag UP	_____	M/lbs
Trp	0.25	Hrs	Run Casing	_____	Hrs	Drag Down	_____	M/lbs
W&R	_____	Hrs	Cmting	_____	Hrs	Max Pull	_____	M/lbs
C&C	_____	Hrs	WOC	_____	Hrs	Rot. Torque	_____	M/lbs
Rig Repairs	_____	Hrs	Drill cmt	_____	Hrs	RPM (RT/MM)	80	_____
LD/PU Tools	_____	Hrs	Testing	_____	Hrs	Air	_____	CFM
Other	0.25	Hrs	RD/RU ng	1.75	Hrs	Press	300	PSI
Total today	10.50	Hrs				Dp	88	Jts

#### MUD PROPERTIES

Weight	8.5	Gel Strength	_____	Cake Thickness	_____	Calcium	_____
Funnel Vis	30	PH	9.0	Alkalinity, Mud	_____	Sand Cont	_____
Plastic Vis	_____	Filtrate API	N/C	Alkalinity, Filtrate	_____	Solids Cont	_____
Yield Point	_____	API HT-HP Fil	_____	Chloride	_____	Water Cont.	_____

Drilling Bit Number	Serial Number	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
4	RT	6 1/4	STC	3-14's	RR	1325	1825	520	21.8	23.9
5	RR #2	8 3/4	HTC	14-14-15	09C	365	SIH	220	3.50	62.8
6										

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	_____	SPM	68	Pressure	300
Pump # 2		Liner	_____	Stroke (in)	_____	GPM	_____	SPM	_____	Pressure	_____

Details: Service rig and safety meeting, RIH, drilling 6 1/4" hole 1745' to 1825', wireline survey 5 1/4 deg at 1800', POH LD DP and DC's, RD rig and respot over hole, RU ng and PU 8 3/4" bit and RIH to 245', secure well and SDON.

Geol ( ), Mud logger ( ) Report	Show #	Depth	Drill Rate	Gas
Background Gas	_____	_____	_____	_____
Connection Gas	_____	_____	_____	_____
Trp Gas	_____	_____	_____	_____

#### COST

Location, Road & ROW's	\$10,000	Camp, Trash, San.	\$50	\$400
Pit liner, Fence	\$2,000	Mud logging	_____	\$0
Day work Contract	\$4,550	Cement Services	_____	\$3,250
Air rig (drill surf)	\$0	Abandonment	_____	\$0
Mobilization	\$5,000	Materials & supplies	_____	\$0
Air	\$0	Will Head Inst.	_____	\$0
Supervision	\$800	BOP Test	_____	\$1,500
Contract Labor	\$480	_____	_____	\$0
Transportation & Hauling	\$800	_____	_____	\$0
Rental Equipment	\$100	_____	_____	\$0
Fuel	\$480	Surface Csg	_____	\$2,890
Water	\$2,500	Conductor Pipe	_____	\$0
Drilling Mud & Chemicals	\$0	Intermediate Csg	_____	\$0
Bits	\$4,650	Wellhead Equip	_____	\$4,000
Logging (open Hole)	\$0	Other Tangible	_____	\$0
Mud Motor, Down Hole Tool	\$0	Other Intangible	_____	\$0
FISHING TOOLS	\$0	_____	_____	\$0
Total Daily Cost	\$7,210	Cum Costs	\$7,260	\$112,295

Drilling Supervisor M. A. Confer Reported to tom young

303-339-1917



ELK SAN JUAN, INC.

Report Date	3/19/08
Report Number	12

Well **UMT 21D** Loc \_\_\_\_\_  
 Operation Days \_\_\_\_\_ 12 Spud date and time **3/9/2008 @ 05:1** San Juan County, NM  
 Depth at report time **1085' w/ 8 3/4"** Cum hrs drilling **70.5** Form at report **Menefee**  
 Present operation **SDON, prep to start reaming at 105'** KB **5**

TIME					SURVEY				DRILL STRING			
Drilling	7.00	Hrs	NUUNDBOP	_____	Hrs	Depth	Angle	_____	String Wt	25K	M/lbs	
Survey	1	Hrs	Logging	_____	Hrs	545	4.50	Deg	WOB	25K	M/lbs	
Rig Service	0.75	Hrs	LDDP/DC	_____	Hrs	1045	5.00	Deg	Drag UP	_____	M/lbs	
Tnp	0.50	Hrs	Run Casing	_____	Hrs	_____	_____	Deg	Drag Down	_____	M/lbs	
W&R	_____	Hrs	Cmting	_____	Hrs	_____	_____	Deg	Max Pull	_____	M/lbs	
C&C	_____	Hrs	WOC	_____	Hrs	_____	_____	Deg	Rot Torque	_____	M/lbs	
Rig Repairs	_____	Hrs	Drill cmt	_____	Hrs	_____	_____	Deg	RPM (RT/MM)	80	_____	
LDIPU Tools	_____	Hrs	Testing	_____	Hrs	_____	_____	Deg	Air	_____	CFM	
Other	0.5	Hrs	_____	_____	Hrs	_____	_____	Deg	Press	300	PSI	
Total today					9.75	Hrs	_____	_____	Deg	Dp	25	Jts

#### MUD PROPERTIES

Weight	8.7	Gel Strength	_____	Cake Thickness	_____	Calcium	_____
Funnel Vis	35	PH	9.0	Alkalinity, Mud	_____	Sand Cont	_____
Plastic Vis	_____	Filtrate API	N/C	Alkalinity, Filtrate	_____	Solids Cont.	_____
Yield Point	_____	API HT-HP Filt	_____	Chlonde	_____	Water Cont.	_____

Drilling Bit	Serial	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
Number	Number									
4	RT	6 1/4	STC	3-14's	RR	1325	1825	520	21.8	23.9
5	RR #2	8 3/4	HTC	14-14-15	09C	365	SIH	940	10.5	89.5
6	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	SPM	68	Pressure	300
Pump # 2	_____	Liner	_____	Stroke (in)	_____	GPM	SPM	_____	Pressure	_____

Details. Service rig and safety meeting, RIH, drilling 8 3/4" hole 365' to 565', wireline survey 4 1/2 deg at 545, drilling 8 3/4" hole 565' to 1065', wireline survey 5 deg at 1045, drilling 8 3/4" hole 1065' to 1085', PUH 100', secure well and SDON.

Geol ( ), Mud logger ( ) Report	Show #	Depth	Drill Rate	Gas
Background Gas	_____	_____	_____	_____
Connection Gas	_____	_____	_____	_____
Tnp Gas	_____	_____	_____	_____

#### COST

Location, Road & ROW's	\$10,000	Camp, Trash, San.	\$50	\$450
Pit liner, Fence	\$2,000	Mud logging	_____	\$0
Day work Contract	\$4,660	Cement Services	_____	\$3,250
Air rig (drill surf)	\$0	Abandonment	_____	\$0
Mobilization	\$5,000	Materials & supplies	_____	\$0
Air	\$0	Well Head Inst.	_____	\$0
Supervision	\$800	BOP Test	_____	\$1,500
Contract Labor	\$480	Inspect and drift csg	\$550	\$550
Transportation & Hauling	\$1,300	_____	_____	\$0
Rental Equipment	\$50	_____	_____	\$0
Fuel	\$480	Surface Csg	_____	\$2,890
Water	\$500	Conductor Pipe	_____	\$0
Drilling Mud & Chemicals	\$0	Intermediate Csg	_____	\$0
Bits	\$4,650	Wellhead Equip	_____	\$4,000
Logging (open Hole)	\$0	Other Tangible	_____	\$0
Mud Motor, Down Hole Tool	\$0	Other Intangible	_____	\$0
FISHING TOOLS	\$0	_____	_____	\$0
Total Daily Cost	\$6,970	Cum Costs	\$7,570	\$119,865

Drilling Supervisor **M. A. Confer** Reported to **tom young**

303-339-1917



ELK SAN JUAN, INC.

Report Date	3/20/08
Report Number	12

Well UMT 21D Loc \_\_\_\_\_  
 Operation Days 12 Spud date and time 3/9/2008 @ 05:00 San Juan County, NM  
 Depth at report time 1665 Cum hrs drilling 79.25 Form. at report \_\_\_\_\_  
 Present operation SDON, prep to start reaming at 1655' KB 5

TIME			SURVEY			DRILL STRING		
Drilling	8.75	Hrs	NUWD/BOP	_____	Hrs	String Wt	35K	M/lbs
Survey	0.5	Hrs	Logging	_____	Hrs	WOB	25K	M/lbs
Rig Service	0.75	Hrs	LDDP/DC	_____	Hrs	Drag UP	_____	M/lbs
Tnp	0.50	Hrs	Run Casing	_____	Hrs	Drag Down	_____	M/lbs
W&R	_____	Hrs	Cmting	_____	Hrs	Max Pull	_____	M/lbs
C&C	0.3	Hrs	WOC	_____	Hrs	Rot. Torque	_____	M/lbs
Rig Repairs	_____	Hrs	Drill cmt	_____	Hrs	RPM (RT/MM)	80	
LD/PU Tools	_____	Hrs	Testing	_____	Hrs	Air	_____	CFM
Other	0.5	Hrs		_____	Hrs	Press	300	PSI
Total today	11.25	Hrs		_____	Hrs	Dp	80	Jts

#### MUD PROPERTIES

Weight	8.7	Gel Strength	_____	Cake Thickness	_____	Calcium	_____
Funnel Vis	35	PH	9.0	Alkalinity, Mud	_____	Sand Cont	_____
Plastic Vis	_____	Filtrate API	N/C	Alkalinity, Filtrate	_____	Solids Cont.	_____
Yield Point	_____	API HT-HP Filtr	_____	Chlonde	_____	Water Cont	_____

Drilling Bit Number	Serial Number	Size	Make	Jets	Type	Depth in	Depth out	Footage Drilled	Hrs	Feet per hour
4	RT	6 1/4	STC	3-14's	RR	1325	1825	520	21.8	23.9
5	RR #2	8 3/4	HTC	14-14-15	09C	365	SIH	1,520	19.3	78.9
6										

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	SPM	68	Pressure	300
Pump # 2		Liner		Stroke (in)		GPM	SPM		Pressure	

Details: Service rig and safety meeting, RIH, ream 8 3/4" hole 1085' to 1625', wireline survey 5 deg at 1605', ream 8 3/4" hole 1625' to 1665', circ hole clean, PUH 100' and secure well and SDON

Geol ( ), Mud logger ( ) Report:	Show #	Depth	Drill Rate	Gas
Background Gas	_____	_____	_____	_____
Connection Gas	_____	_____	_____	_____
Trip Gas	_____	_____	_____	_____

#### COST

Location, Road & ROW's	\$10,000	Camp, Trash, San	\$50	\$500
Pit liner, Fence	\$2,000	Mud logging		\$0
Day work Contract	\$4,880	Cement Services		\$3,250
Air ng (drill surf)		Abandonment		\$0
Mobilization	\$5,000	Materials & supplies		\$0
Air	\$0	Will Head Inst		\$0
Supervision	\$800	BOP Test		\$1,500
Contract Labor	\$480			\$550
Transportation & Hauling	\$1,300			\$0
Rental Equipment	\$50			\$0
Fuel	\$480	Surface Csg		\$2,890
Water	\$500	Conductor Pipe		\$0
Drilling Mud & Chemicals	\$0	Intermediate Csg		\$0
Bits	\$4,650	Wellhead Equip		\$4,000
Logging (open Hole)	\$0	Other Tangible		\$0
Mud Motor, Down Hole Tool	\$0	Other Intangible		\$0
FISHING TOOLS	\$0			\$0
Total Daily Cost	\$7,190	Cum Costs	\$7,240	\$127,105

Drilling Supervisor M. A. Confer Reported to tom young

303-339-1917



ELK SAN JUAN, INC.

Report Date	3/21/08
Report Number	14

Well UMT 21D Loc \_\_\_\_\_  
 Operation Days 14 Spud date and time 3/9/2008 @ 05:1 San Juan County, NM  
 Depth at report time 1825 Cum hrs drilling 81.5 Form at report Upper Mancos  
 Present operation RU csg crew and PU and run 7" 23# J-55 LT&C csg KB 5

TIME					SURVEY			DRILL STRING		
Drilling	2.25	Hrs	NU/ND/BOP	_____	Hrs	Depth	Angle	String Wt	35K	M/lbs
Survey	0.25	Hrs	Logging	_____	Hrs	545	4.50	WOB	20K	M/lbs
Rig Service	0.50	Hrs	LDDP/DC	4.25	Hrs	1045	5.00	Drag UP		M/lbs
Tnp	0.25	Hrs	Run Casing	_____	Hrs	1605	5.00	Drag Down		M/lbs
W&R	_____	Hrs	Cmting	_____	Hrs	1805	5.00	Max Pull		M/lbs
C&C	0.8	Hrs	WOC	_____	Hrs			Rot Torque		M/lbs
Rig Repairs	_____	Hrs	Drill cmt	_____	Hrs			RPM (RT/MM)	80	
LD/PU Tools	_____	Hrs	Testing	_____	Hrs			Air		CFM
Other	0.75	Hrs		_____	Hrs			Press	300	PSI
Total today					9.00	Hrs		Dp	88	Jts

#### MUD PROPERTIES

Weight	8.7	Gel Strength	_____	Cake Thickness	_____	Calcium	_____
Funnel Vis	35	PH	9.0	Alkalinity, Mud	_____	Sand Cont.	_____
Plastic Vis	_____	Filtrate API	N/C	Alkalinity, Filtrate	_____	Solids Cont.	_____
Yield Point	_____	API HT-HP Fil	_____	Chloride	_____	Water Cont.	_____

Drilling Bit Number	Serial Number	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
4	RT	6 1/4	STC	3-14's	RR	1325	1825	520	21.8	23.9
5	RR #2	8 3/4	HTC	14-14-15	09C	365	SIH	1,680	21.5	78.1
6	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	_____	SPM	68	Pressure	300
Pump # 2	_____	Liner	_____	Stroke (in)	_____	GPM	_____	SPM	_____	Pressure	_____

Details Service rig and safety meeting, RIH, ream 8 3/4" hole 1665' to 1825', circ and condition hole, survey 5 deg at 1805', POH LD DP and DC's, some connections very tight, had some tight hole 20' off bottom and 60-80' off bottom, RU to run csg, secure well and SDON.

Geol ( ), Mud logger ( ) Report:	Show #	Depth	Drill Rate	Gas
Background Gas	_____	_____	_____	_____
Connection Gas	_____	_____	_____	_____
Tnp Gas	_____	_____	_____	_____

#### COST

Location, Road & ROW's	\$10,000	Camp, Trash, San.	\$150	\$650
Pit liner, Fence	\$2,000	Mud logging	_____	\$0
Day work Contract	\$3,900	Cement Services	_____	\$3,250
Air ng (drill surf)	_____	Abandonment	_____	\$0
Mobilization	\$5,000	Materials & supplies	_____	\$0
Air	\$0	Well Head Inst.	_____	\$0
Supervision	\$800	BOP Test	_____	\$1,500
Contract Labor	\$480	_____	_____	\$550
Transportation & Hauling	_____	_____	_____	\$0
Rental Equipment	\$50	_____	_____	\$0
Fuel	\$480	Surface Csg	_____	\$2,890
Water	\$500	Conductor Pipe	_____	\$0
Drilling Mud & Chemicals	\$2,500	Intermediate Csg	_____	\$0
Bits	\$4,650	Wellhead Equip.	_____	\$4,000
Logging (open Hole)	\$0	Other Tangible	_____	\$0
Mud Motor, Down Hole Tool	\$0	Other Intangible	_____	\$0
FISHING TOOLS	\$0	_____	_____	\$0
Total Daily Cost	\$8,710	Cum Costs	\$8,860	\$135,965

Drilling Supervisor M. A. Confer Reported to tom young

303-339-1917



## ELK SAN JUAN, INC.

Report Date	3/22/08
Report Number	15

Well **UMT 21D** Loc \_\_\_\_\_  
Operation Days **15** Spud date and time **3/9/2008 @ 05:1** San Juan County, NM  
Depth at report time **1825** Cum hrs drilling **81.5** Form at report **Upper Mancos**  
Present operation **Job complete, released rig at 1615 hrs 3/22/2008** KB **5**

TIME			SURVEY		DRILL STRING		
Dnllng	Hrs	NU/ND/BOP	0.75	Hrs	Depth	Angle	String Wt
Survey	Hrs	Logging		Hrs		Deg	WOB
Rig Service	0.50	Hrs	LDDP/DC	Hrs		Deg	Drag UP
Tnp	Hrs	Hrs	Run Casing	5		Deg	Drag Down
W&R	Hrs	Hrs	Cmtng	2		Deg	Max Pull
C&C	Hrs	Hrs	WOC			Deg	Rot. Torque
Rig Repairs	Hrs	Hrs	Dnll cmt			Deg	RPM (RT/MM)
LD/PU Tools	Hrs	Hrs	Testing			Deg	Air
Other		Hrs	RD Drilling Rig	1		Deg	Press
Total today			9.25	Hrs		Deg	Dp
							M/lbs
							M/lbs
							M/lbs
							M/lbs
							M/lbs
							CFM
							PSI
							Jts

## MUD PROPERTIES

Weight	8.7	Gel Strength		Cake Thickness		Calcium	
Funnel Vis	35	PH	9.0	Alkalinity, Mud		Sand Cont	
Plastic Vis		Filtrate API	N/C	Alkalinity, Filtrate		Solids Cont	
Yield Point		API HT-HP Fil		Chlondr		Water Cont	

Drilling Bit	Serial	Size	Make	Jets	Type	Depth In	Depth out	Footage Drilled	Hrs	Feet per hour
4	RT	6 1/4	STC	3-14's	RR	1325	1825	520	21.8	23.9
5	RR #2	8 3/4	HTC	14-14-15	09C	365	1825	1,680	21.5	78.1
6										

Pump # 1	Gardner Denver	Liner	5.5	Stroke (in)	10	GPM	SPM	Pressure
Pump # 2		Liner		Stroke (in)		GPM	SPM	Pressure

Details Service rig and safety meeting, RU San Juan Csg and RIH with GS, 1 jt 7" 23# J-55 LT&C csg, FC and 41 jts 7"  
23# J-55 LT&C csg with centralizers at 1785, 1719, 1547, 1374 and turbolizers at 1202 and 603', hit bridge at 1430', washed  
through bridge no problems, pumped sweep at 1802' and landed csg on hanger at 1807' and tested hanger to 1500# OK,  
RU Superior Well Service and pumped 5 bbls water, 10 bbls DustFlush, 5 bbls water followed by 147 sks 65/35 std poz  
w/ 6% gel, 5 pps gilsonite and 1/4 pps superfine mixed at 12.3 ppg with 1.94 yeild, followed by 100 sks std w/ 2% cacl2  
5 pps gilsonite and 1/4 pps superfine mixed at 15.2 ppg with 1.27 yeild, displaced with 71.6 bbls water, bumped plug w/  
1500#, float held OK, circ 18 bbls cement to pit, RD Superior and lay down landing Jt, RD D & D services Rig #1 and ND BOP  
NU tbg head with B-4 bonnet and bullplug with needle valve, secured well and SDON.

Geol ( ), Mud logger ( ) Report	Show #	Depth	Drill Rate	Gas
Background Gas				
Connection Gas				
Tnp Gas				

## COST

Location, Road & ROW's	\$10,000	Camp, Trash, San	\$50	\$700
Pit liner, Fence	\$2,000	Mud logging		\$0
Day work Contract	\$4,010	Cement Services	\$8,860	\$12,110
Air rig (drill surf)	\$0	Abandonment		\$0
Mobilization	\$5,000	Materials & supplies		\$0
Air	\$0	Well Head Inst	\$850	\$850
Supervision	\$800	BOP Test		\$1,500
Contract Labor	\$2,020			\$550
Transportation & Hauling	\$1,300			\$0
Rental Equipment	\$480			\$0
Fuel	\$480	Surface Csg		\$2,890
Water	\$4,000	Conductor Pipe		\$0
Drilling Mud & Chemicals	\$2,500	Intermediate Csg	\$24,180	\$24,180
Bits	\$4,650	Wellhead Equip		\$4,000
Logging (open Hole)	\$0	Other Tangible		\$0
Mud Motor, Down Hole Tool	\$0	Other Intangible		\$0
FISHING TOOLS	\$0			\$0
Total Daily Cost	\$7,790	Cum Costs	\$41,730	\$177,695

Drilling Supervisor **M. A. Confer** Reported to **tom young**

303-339-1917