UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

la.	Type of Work DRILL	5. Lease Number SF-081155 Unit Reporting Number
lb.	Type of Well GAS	6. If Indian, All. or Tribe
 2.	Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name Allison Unit
3.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499	8. Farm or Lease Name Allison Unit 9. Well Number 52B
4.	(505) 326-9700 Location of Well 1405'FSL, 930'FWL Latitude 36° 56.9, Longitude 107° 28.2	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) L Sec. 28, T-32-N, R-6-W API # 30-045-30367
14.	Distance in Miles from Nearest Town 11 miles from Allison	12. County 13. State San Juan NM
15. 16.	Distance from Proposed Location to Nearest Property or Lease Line 930' Acres in Lease	17. Acres Assigned to Well
18.	Distance from Proposad Location to Nearest Well, Drig, Compl, or	Applied for on this Lease
19.	Proposed Depth and appear pursuant to 43 CPR 3165.3	20. Rotary or Cable Tools Rotary
21.	Elevations (DF, FT, GR, Etc.) 6723' GL	22. Approx. Date Work will Start
23.	Proposed Casing and Cementing Program See Operations Plan attached	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
24.	Authorized by: Regulatory/Compliance Supervisor	9-13-00 Date
PERM	IIT NO APPROVAL D	ATE 1/12/0/
ΔPPR	ROVED BY TITLE	DATE 1/12/01

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

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

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

District II PO Drawer OD. Artesia, NM 88211-0719

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

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

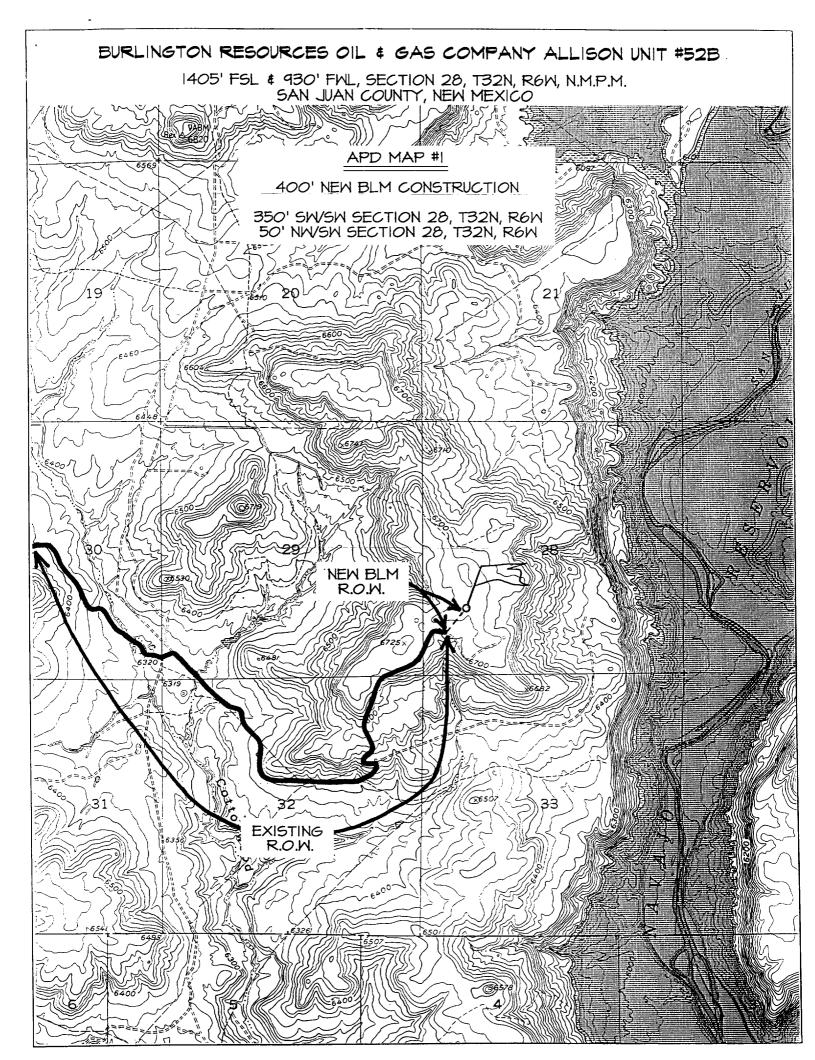
State of New Mexico Energy, Minerals & Natural Resources Department

Form C-10 Revised February 21, 199 Instructions on bac Submit to Appropriate District Offic State Lease - 4 Copie Fee Lease - 3 Copie

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM, 27504 22088 1:34

AMENDED REPORT

		V	VELL	LOCAT	ION AN	D AC	PREAGE DEDI					
				*Pool Coo 319 —	Pool Code Pool Name 9 Blanco Mesaverde				2			
*Property	Code		1			Property Name				Well Number		
6784					ALLI	LISON UNIT					52B	
'OGRID	Vo .		V 150 7	NO TON		Operator Name				*Elevation		
14538		t	SUHLI	NG I UN	RESOUR	RUES	OIL & GAS	<u> </u>	1PANY 			5723
					¹⁰ Sunfa		_ocation					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from		North/South line	1	et from the East/West 930 WES			County
	28	32N	6W		1405)	SOUTH				.51	SAN JUA!
	1 2 1	11 BO		Hole t	_ocatio		Different		m Surf			· · · · · · · · · · · · · · · · · · ·
UL or lot no.	Section	lownship	Range	Lot Idn	Feet from	the	North/South line	Feet	from the	East/We	est line	County
12 Dedicated Acres		13 Joint or Infil	1 14 Cons	olidation Code	s ¹⁵ Order	No.		1			· · · · · · · · · · · · · · · · · · ·	<u> </u>
W/320		<u> </u>				<u> </u>		····				
NO ALLOV	VABLE W	VILL BE AS OR A 1	SIGNE NON-S7	D TO TH ANDARD	IS COMPI UNIT HA	LETIC AS BE	ON UNTIL ALL EN APPROVED	INTE BY T	RESTS H HE DIVI	HAVE BE SION	EEN CON	SOL IDATED
16			5.	372.40		_			17 OPER	ATOR	CERTI	FICATION
			٥.	II					I hereby cen- true and com	tify that th plete to the	e information best of my	n contained herein is knowledge and belief
		1		ļ.			! 					
				1.	1770		1					
		1			VE P	_			_			
						r OT IN			· /		16	
		- 			7 <i>\fi</i>				Signatur	Eff (ali	
							-		Pegg	y Cole	!	
		1		الم الم	ر رکن	•	1		Printed			
					X				Regula Title	tory S	upervi	sor
8 US	SA SF	-081155		lı			<u> </u>	. 70		9-13	3-00	7
				20			İ	– 8.6	Date			
747				40 -				348	18 SURV	'EYOR	CERTI	FICATION
52	W. 2.85.						1	5	I hereby cer was plotted	tify that the from field h	ne well locat notes of actu	ion shown on this pl wal surveys made by m e same is true and
	.56.7			[correct to t	re best of	my belief.	
	36	1					I I I			, , , =	0005	
730	LAT			[Date of	Y 12,	2000	
930'	<u>+</u> 0 - 1	<u> </u>					<u> </u>		Signature ar	کار ۱۹۶۷ دا دورو	EDL	riveyor
	1								Date of		MEL	80
	_	1					1		1 /4	到一个	MEXIC	18/
	1405									Z Z (6857) ^C	1
	$ \frac{1}{4}$								1			
		1					1		16		9	*
11	Ţ		5	329.50) [']				Certifi	care	POPES SON	6857



OPERATIONS PLAN

Well Name: Allison Unit #52B

Surface Location: 1405'FSL, 930'FWL, Section 28, T-32-N, R-6-W

San Juan County, New Mexico

Latitude 36° 56.9, Longitude 107° 28.2

Formation: Blanco Mesa Verde

Elevation: 6723'GL

Formation Tops:	<u>Top</u>	Bottom	<u>Contents</u>
Surface	San Jose	2606'	aquifer
Ojo Alamo	2606′	2729′	aquifer
Kirtland	2729′	3121'	gas
Fruitland	3121'	3450'	gas
Pictured Cliffs	3450'	3765'	gas
Lewis	3765′	4489'	gas
Intermediate TD	3865'		
Mesa Verde	4489'	4951'	gas
Chacra	4951'	5660′	gas
Massive Cliff House	5660′	5732′	gas
Menefee	5732′	5965'	gas
Point Lookout	5965'		gas
Total Depth	6365		

Logging Program:

Cased hole logging - Gamma Ray, Cement bond from surface to TD Open hole logging - none
Mud Logs/Coring/DST - none

Mud Program:

Interval- MD	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200- 3865'	LSND	8.4-9.0	30-60	no control
3865- 6365'	Air/Mist	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

Measured Hole Size Depth Csq Size Weight Grade 12 1/4" 0' - 200' 9 5/8" 32.3# H-40 8 3/4" 0' - 3865' 7" 20.0# J-55 6 1/4" 3765' - 6365 ✓ 4 1/2" 10.5# J-55

<u>Tubing Program:</u> 0' -6365' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

BOP Specifications, Wellhead and Tests (cont'd):

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

7 1/16" 2000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

Wellhead -

9 5/8" x 7" x 2 3/8" x 2000 psi tree assembly.

General .

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drill crew.
- All BOP tests & drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing:

9 5/8" surface casing - cement with 159 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (188 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi for 30 minutes.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing -

Lead w/362 sx Class "B" w/3% sodium metasilicate, 5# gilsonite/sx and 0.5# flocele/sx. Tail w/90 sx 50/50 Class "B" Poz w/2% gel, 2% calcium chloride, 5# gilsonite/sx and 0.5# flocele/sx (1163 cu.ft. of slurry, 100% excess to circulate to surface.) WOC minimum of 8 hours before drilling out intermediate casing. If cement does not circulate to surface, a CBL will be run to determine TOC. Test casing to 1500 psi for 30 minutes.

7" intermediate casing alternative two stage: Stage collar at 3021'. First stage: cement with 201 sx Class "B" cmt with 5 pps gilsonite, 1/2 pps cellophane, 3% sodium metasilicate. Second stage: 313 sx Class "B" with 3% sodium metasilicate, 1/2 pps Cellophane, 5 pps Gilsonite (1163 cu.ft., 100% excess to circulate to surface).

Operations Plan - Allison Unit #52B

Page Three

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. Bowspring centralizers spaced every other joint off bottom, to the base of the Ojo Alamo at 2729'. Two turbolating centralizers at the base of the Ojo Alamo at 2729'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

4 1/2" Production Liner -

Cement to circulate liner top. Pump 265 sx 50/50 Class "B" Poz w/1/4# flocele/sx, 4% gel, 0.25% retardant, 5# gilsonite/sx and 0.3% fluid loss additive (374 cu.ft., 40% excess to circulate liner top). WOC a minimum of 18 hrs prior to completing.

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. The liner hanger will have a rubber packoff.

• If hole conditions permit, an adequate water spacer will be pumped ahead of each cement job to prevent cement/ mud contamination or cement hydration.

Special Drilling Operations (Air/Mist Drilling):

The following equipment will be operational while gas/mist drilling:

- An anchored blooie line will be utilized to discharge all cuttings and circulating medium to the blow pit a minimum of 100' from the wellhead.
- The blooie line will be equipped with an automatic igniter or pilot light.
- Compressors will be located a minimum of 100' from the wellhead in the opposite direction from the blooie line.
- Engines will have spark arresters or water cooled exhaust.
- The rotating head will be properly lubricated and maintained.
- A float valve will be utilized above the bit.
- Mud circulating equipment, water, and mud materials will be sufficient to maintain control of the well.

Additional Information:

- The Mesa Verde formation will be completed.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:

Fruitland Coal 800 psi Pictured Cliffs 800 psi Mesa Verde 700 psi

- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered below the top of the Pictured Cliffs.
- The west half of Section 28 is dedicated to the Mesa Verde.
- This gas is dedicated.

Drilling Engineer

9/20/2000

Date