Alana Oil & Gas, Inc.
Alana #1, N-11-27N-01E
Rio Arriba County
Wildcat Dakota

PRESUMED DOWNHOLE CONDITIONS

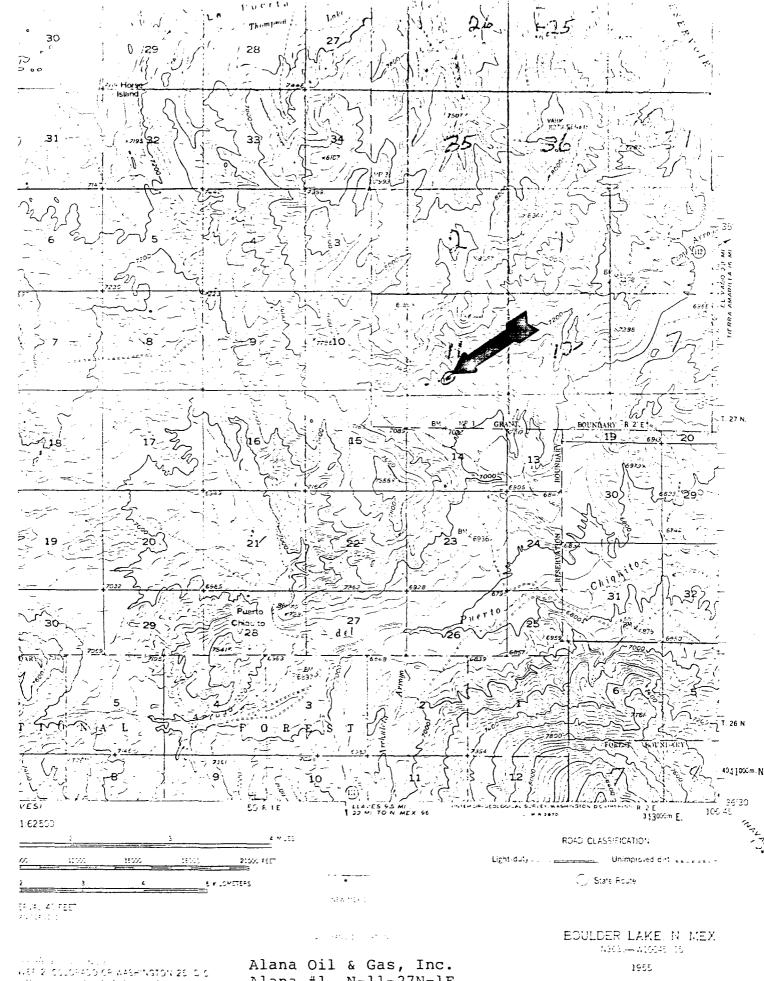
- 1. $12\frac{1}{4}$ " hole to 163'.
- 2. 8-5/8" csg. set @ 163' w/ 177 cu. ft. Class B + 2% CaCl.
- 3. 7-7/8" hole to 1335'.
- 4. $5\frac{1}{2}$ " csg. set @ 1282' w/ 330 cu. ft. Class B.
- 5. PBTD @ 1282'.
- 6. TD @ 1335'.

DIVISION APPROVED PLUGGING PROGRAM

- 1. Go in hole with tubing to 1282' and set a cement plug 1282' 1182' inside casing.
- 2. Come out of hole with tubing and find casing free point.
- 3. Shoot and pull casing or perforate at free point.
- 4. Set a 100' plug at casing stub if casing is pulled or set a 100' plug in and outside casing if perforated.
- 5. Wait on cement a minimum of 4 hours.
- 6. Go in hole with tubing and tag plug. If plug is in place go to step 7. If not, fill to required depth.
- 7. Set a cement plug 213' 113'. 50' above and 50' below base of surface pipe.
- 8. Set top plug and dry hole marker with a minimum of 10 sx. of cement.
- 9. Fill pits, clean and level location.
- *All plugs will be with neat cement with or without an accelerator.

BEFORE IDMAINING STORMER
OIL COMERSM ATTAIN DAVIDION

CASE NO. 8563



Alana #1 N-11-27N-1E

Samuelle "/

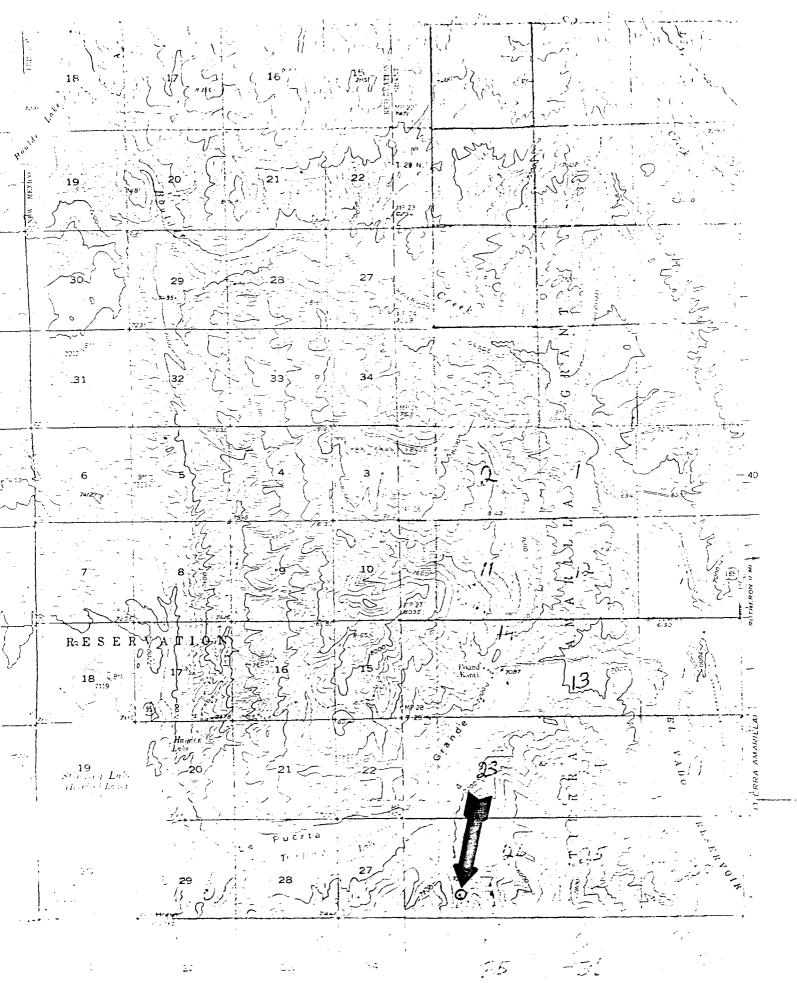
Alana Oil & Gas, Inc. Samantha' #1, L-26-28N-01E Rio Arriba County Wildcat Gallup

PRESUMED DOWNHOLE CONDITIONS

- 1. 9-7/8" hole to 85'.
- 2. 7-5/8" 26# csg. set @ 85'. Cmt. circulated to surface.
- 3. $6\frac{1}{4}$ " hole to 1658'.
- 4. $4\frac{1}{2}$ " 10.5# csg. set @ 1685'. Cmt. circulated to surface.
- 5. TD @ 1685'.

DIVISION APPROVED PLUGGING PROGRAM

- 1. Go in hole with tubing to 1685' and set a cement plug 1605' 1500' inside casing.
- 2. Wait on cement a minimum of 4 hours.
- 3. Go in hole with tubing and tag plug. If plug is above 1550', go to step 4. If not, fill to 1500'
- 4. Set a cement plug 150' to surface inside casing.
- 5. Set dry hole marker.
- 6. Fill pits, clean and level location.
- *All plugs will be with neat cement with or without an accelerator.



Samantha #1 L-26-28N-1E

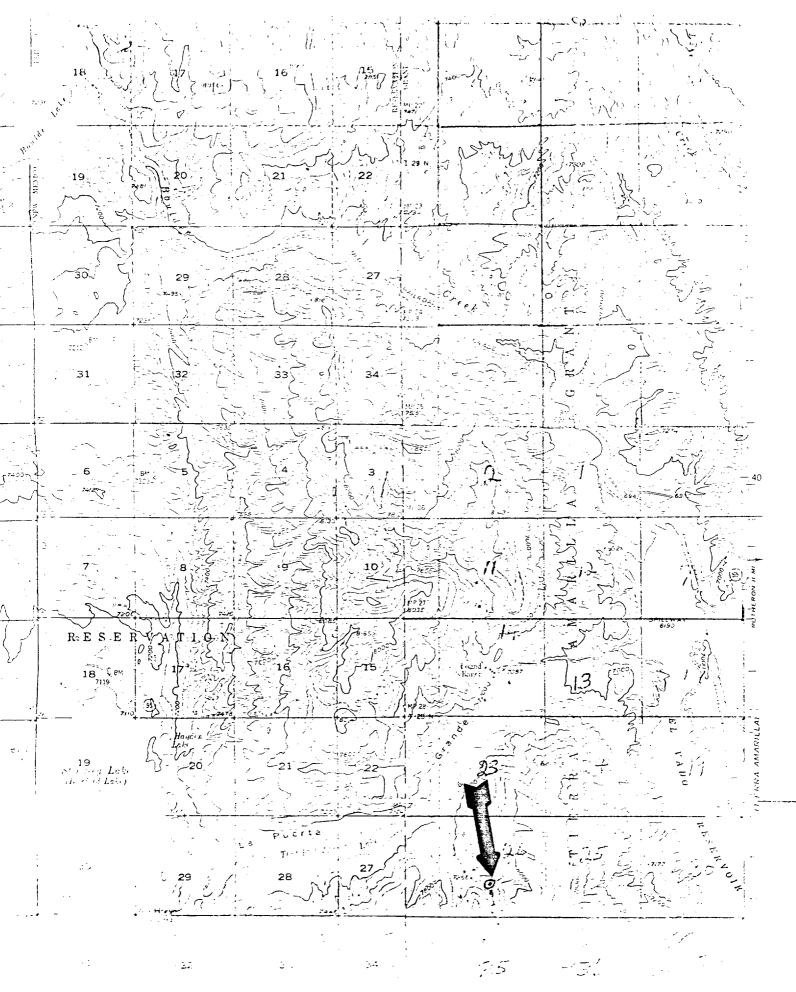
Alana Oil & Gas, Inc. Samantha #2, K-26-28N-01E Rio Arriba County Undesignated Dakota

PRESUMED DOWNHOLE CONDITIONS

- 1. 9-7/8" hole to 75'
- 2. 7-5/8" 26# csg. set @ 75'. Cmt. circulated to surface.
- 3. $6\frac{1}{4}$ " hole to 1780'.
- 4. $4\frac{1}{2}$ " 10.5# csg. set @ 1775. Cmt. circulated to surface.
- 5. PBTD @ 1775'.
- 6. TD @ 1780'.

DIVISION APPROVED PLUGGING PROGRAM

- 1. Go in hole with tubing to 1775' and set a cement plug 1775' 1600' inside casing.
- 2. Wait on cement a minimum of 4 hours.
- 3. Go in hole with tubing and tag plug. If plug is above 1650' go to step 4. If not, fill to 1600'.
- 4. Set a cement plug 150' to surface inside casing.
- 5. Set a dry hole marker.
- 6. Fill pits, clean and level location.
- *All plugs will be with neat cement with or without an accelerator.



Alana Oil & Gas, Inc. Samantha #2 K-26-28N-1E

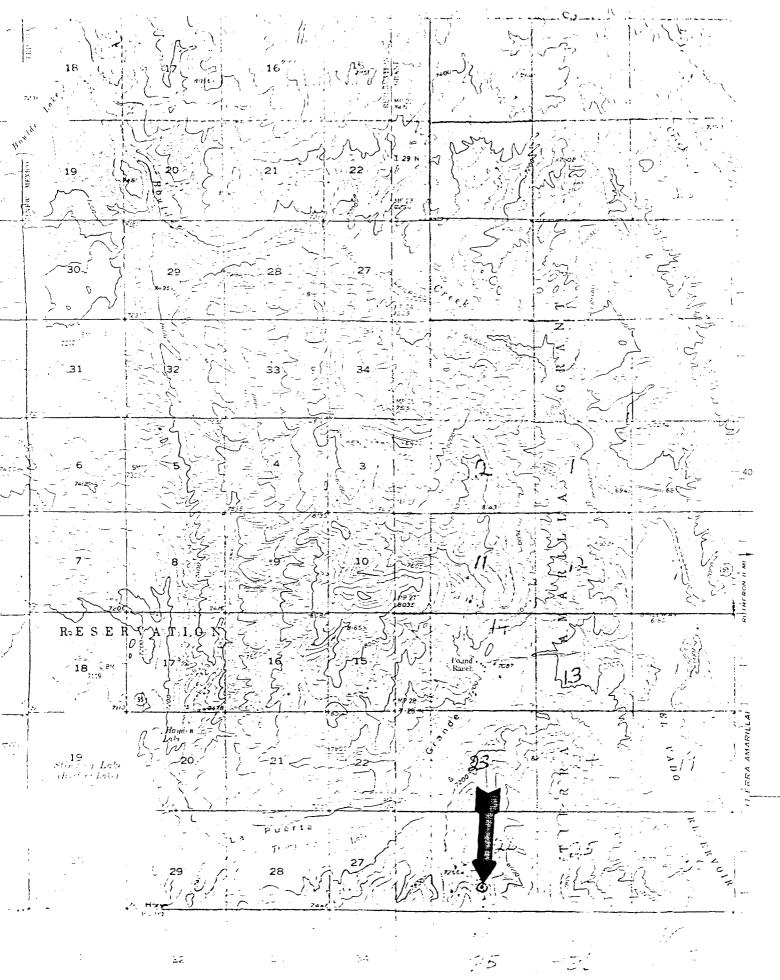
Alana Oil & Gas, Inc. Samantha #3, N-26-28N-01E Rio Arriba County Undesignated Gallup

PRESUMED DOWNHOLE CONDITIONS

- 1. 9-7/8" hole to 78'.
- 2. 7-5/8" 26# csg. set @ 76'. Cmt. circulated to surface.
- 3. $6\frac{1}{4}$ " hole to 1778'.
- 4. $4\frac{1}{2}$ " 10.5 # csg. set @ 1777'. Cmt. circulated to surface.
- 5. TD @ 1778'.

DIVISION APPROVED PLUGGING PROGRAM

- 1. Go in hole with tubing to 1777'. Set a cement plug 1777' to 1600' inside casing.
- 2. Wait on cement a minimum of 4 hours.
- 3. Go in hole with tubing and tag plug. If plug is above 1650' go to step 4. If not, fill to 1600'.
- 4. Set a cement plug 150' to surface inside casing.
- 5. Set dry hole marker.
- 6. Fill pits, clean and level location.
- *All plugs will be with neat cement with or without an accelerator.



Alana Oil & Gas, Inc.
Samantha #3 N-26-28N-1E

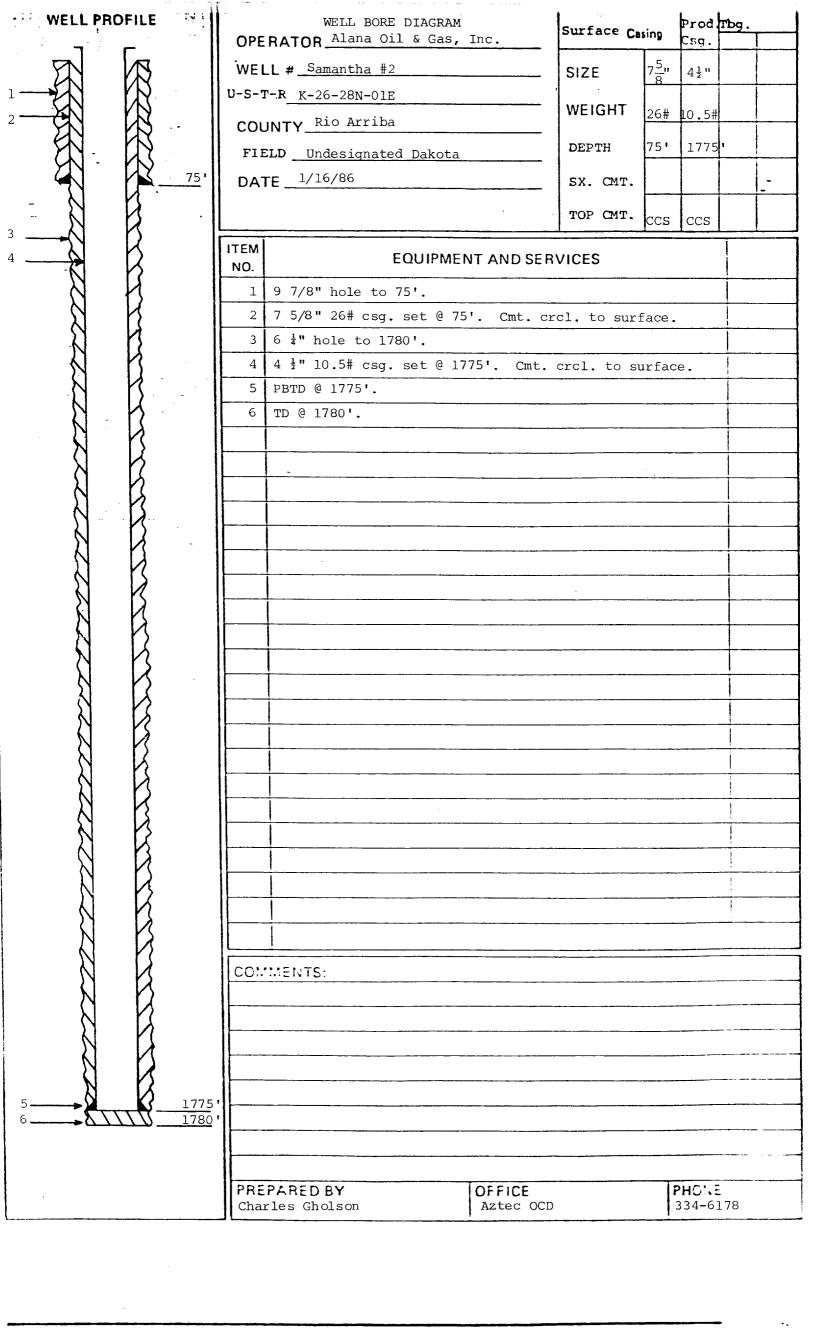
	OPERATOR Alana Oil & Gas, Inc.	Jun 2 001	ony Csq.		
1	WELL # Alana #1	SIZE	8 5 " 5}"		
	U-S-T-R N-11-27N-01E	•	8		
2 — {	COUNTY_Rio Arriba	WEIGHT	32# 15.5#		
113'	FIELD Wildcat Dakota	DEPTH	163 1 282 1		
163	DATE1/16/86	SX. CMT.	_		
10 - 213	DATE				
7 7 7 7		TOP CMT.			
3	ITEM EQUIPMENT AND SE	RVICES	:		
\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1 12 ½" hole to 163'.				
-).1	2 8 5/8" csg. set @ 163' w/ 177 cu.	ft. Class B &	§ 2% CaCl.		
	3 7 7/8" hole to 1335'.				
} !	4 5 ½" csg. set at 1282' w/ 330 cu.	ft. Class B.			
\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	5 PBTD @ 1282'.				
3	6 TD @ 1335'.				
8 100	7 Cement plug 1282' - 1182'.				
	8 5½" csg. free point.				
	9 100' cement plug across 5½" csg. s	tub or inside	and out-		
	side 5½" csg. if perforated.		,		
	10 Cement plug 213' - 113' across 8 5	/8" csg, sho	<u>. </u>		
l N B	11 10 sx. cement surface plug.		:		
\mathbb{N}	12 Dry hole marker.		<u> </u>		
	DIVISION APPROVED PLUGG	ING PROGRAM			
\mathbb{N}	(1) Go in hole with tubing to 1282' as		ent plug !		
\mathbb{N}	1282' to 1182' inside casing.		,		
	(2) Come out of hole with tubing and	find casing	free point.		
	(3) Shoot and pull casing or perforat				
	(4) Set a 100' plug at casing stub if casing is pulled or				
	set a 100' plug in and outside ca	orated.			
l N D					
	(6) Go in hole withh tubing and tag p				
N B					
	base of surface pipe.	above and	30 2020%		
	(8) Set top plug and dry hole marker	with a minim	am of 10		
118.					
	(9) Fill pits, clean and level locati *All plugs will be with neat cement wi				
	in programme with the wild reduce with the wild red		- Care -		
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[n	i I	L # Alana #1		SIZE	8 ⁵ ₀ " 53"
	11	r-Rn-11-27N-01E		SIZE	8
	11	JNTY Rio Arriba		WEIGHT	32# 15.5#
18	11	CLD Wildcat Dakot		DEPTH	163'1282
163	11	TE 1/16/86		SX. CMT.	
				TOP CMT.	-
}					
}	ITEM NO.	EQU	JIPMENT AND SEF	RVICES	;
\	1	12 ¼" hole to 163'	•		
1	2	8 5/8" csg. set at			& 2% CaCl.
	3	7 7/8" hole to 133			
	4	$5\frac{1}{2}$ " csg. set at 1	282' w/ 330 cu. f	t. Class B.	
	5	PBTD @ 1282'. TD @ 1335'.			:
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WELL PROFILE	PLUGGING PROGRAM OPERATOR Alana Oil & Gas, Inc.	Surface Ca	. : _ ~ .	rod T	bq.
ATITA	WELL # Samantha #1	SIZE	75.		
1	U-S-T-R L-26-28N-01E				
2	COUNTY Rio Arriba	WEIGHT	26# [10.5#	
7	FIELD Wildcat Gallup	DEPTH	85	1685	1
85'	DATE 1/16/86	SX. CMT.		[<u> </u>
		TOP CMT.	ccs	000	
3			ccs		
4	NO. EQUIPMENT AND SE	RVICES			:
N A	1 9 7/8" hole to 85'.				
SI K	2 7 5/8" 26# csg. set @ 85'. Cmt.	crcl. to sur	face.		
N N	3 6 ¼" hole to 1685".			<u>-</u> .	i
$\{\{\}\}$	4 4 ½" 10.5# csg. set @ 1685'. Cm	t. crcl. to s	urfac	e.	
	5 TD @ 1685'.				
N V	6 Cement plug 1605' - 1500'. 7 Cement plug 150' - Surface.				:
	8 Dry hole marker.				<u> </u>
\mathcal{A}					
N B	DIVISION APPROVED PLUGG	ING PROGRAM			
N D	(1) Go in hole with tubing to 1685' a		ent pl	ug	
	1605' - 1500' inside casing.				
	(2) Wait on cemOent a minimum of 4 ho (3) Go in hole with tubing and tag pl				
	1550', go to step 4. If not, fil				1
	(4) Set a cement plug 150' to surface		ng.	- <u>-</u>	
	(5) Set dry hole marker.				
	(6) Fill pits, clean and level locati	on.			
	*All plugs will be with neat ceme	nt with or w	ithout	an	
1 X K	accelerator.				
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1500'					
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1605'				<u> </u>	,
5 1685					
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WELL PROFILE	WELL BORE DIAGRAM OPERATOR Alana Oil & Gas, Inc.	Surface Ca	sing Prod Thy.
	WELL # Samantha #1	SIZE	75/8 41/2 "
	U-S-T-R L-26-28N-01E	SIZE	8
2 — (1)	COUNTY ^{Rio Arriba}	WEIGHT	26# 10.5#
郑 吊 1	FIELD Wildcat Gallup	- DEPTH	85 1685
85	DATE 1/16/86	- SX. CMT.	
	DATE	-	
3		TOP CMT.	ccs ccs
4	NO. EQUIPMENT AND SE	ERVICES	a de la companya de
	1 9 7/8" hole to 85'.		i 1
\mathfrak{A}	2 7 5/8" 26# csg. set @ 85'. Cmt.	crcl. to sur	face.
NI	3 6 ½" hole to 1685".		
$\{\{\}\}$	4 4 ½" 10.5# csg. set @ 1685'. Cm	t. crcl. to s	surface.
	5 TD @ 1685'		
N I			
		<u></u>	
N B			
N D			
NB			
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WELL PROFILE	** :	P <u>LUGG</u> ING PROGRAM		Surface Casing		Prod Tbg.		
			OR_Alana Oil	Gas, Inc.			Csq.	
STAND.			Samantha #2		SIZE	$7\frac{5}{8}$ "	4½"	
			K-26-28N-01E		WEIGHT	26#	1.0.5#	
		COUNTY	Y Rio Arriba		W2.G.			
· ************************************		FIELD_	Undesignated I	Dakota	DEPTH	75'	1775'	
4	· 75 *	DATE	1/16/86		SX. CMT.			-
- (1)	150. '				TOP CMT.	ccs	ccs	
3 —— (1)		ITEM				<u>lees</u>	1	!
4	ĺ	NO.	EΩ	UIPMENT AND SEF	RVICES			
N H		1 9 7	/8" hole to 75					
SI KI		2 7 5	/8" 26# csg. se	et @ 75'. Cmt. c	rcl. to sur	face.	1	
N B		 	" hole to 1780	····			· ·	
		 		et @ 1775'. Cmt.	crcl. to s	urfac	e.	
	-		D @ 1775'.					
N B		6 TD	@ 1780'.		· · · · · · · · · · · · · · · · · · ·			
8 []		1 1	ent plug 1775'				ļ 1	
	;	1 1	ent plug 150' t	o surface.				
$\mathcal{A} = \mathcal{A}$		9 Dry	hole marker.					
N B			DIVISIO	N APPROVED PLUGGI	NG PROGRAM			
N D	-	(1) Go		bing to 1775' and		nt pl	uq	
$S \rightarrow S$		1i	5' to 1600' ins					
\mathcal{N}		(2) Wai	t on cement a m	inimum of 4 hours	•	7,7,7,7		
N N		(3) Go	in hole with tu	bing and tag plug	. If plug	is al	oove	
N B		l ————		. If not, fill t		<u>. </u>		
		l 		150' to surface i	nside casin	g.	<u>i</u>	
N			dry hole marke					
N				nd level location			;	
			1 plugs will be celerator.	with neat cement	with or wi	thout	an	
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	1780							
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		PREPAR Charles	REDBY Gholson	OFFICE Azted CO			PHCNE 334-1 7	



8	OPERATOR Alana Oil & Gas, Inc.	Surface Car	sing Cra	
97770	WELL # Samantha #3	SIZE	$7\frac{5}{8}$ " $4\frac{1}{2}$ "	
	U-S-T-R N-26-28N-01E	WEIGHT		
2	COUNTY_Rio Arriba	WEIGHT	26# 10.5	
	FIELD Undesignated Gallup	DEPTH	76' 177	7
. 76'	DATE 1/16/86	SX. CMT.		-
		TOP CMT.	ccs ccs	
3 4	NO. EQUIPMENT AND SER	VICES		
$\beta \beta \beta \beta$	1 9 7/8" hole to 78'.			!
8	2 7 5/8" 26# csg. set @ 76'. Cmt. crc	1. to surfa	ace.	
\mathcal{A}	3 6 ¼" hole to 1778'.			
	4 4 $\frac{1}{2}$ " 10.5# csg. set @ 1777'. Cmt. cr 5 TD @ 1778'.	cl. to sur	face.	
N	6 Cement plug 1777' - 1600'.			1
	7 Cement plug 150' - surface.			
\mathcal{A}	8 Dry hole marker.			***************************************
				1
	DIVISION APPROVED PLUGGING		· · · · · · · · · · · · · · · · · · ·	
	(1) Go in hole with tubing to 1777'. Se	t a cement	plug	
	(2) Wait on cement a minimum of 4 hours.			
	(3) Go in hole with tubing and tag plug.	If plug	is above	
l N N	1650' go to step 4. If not, fill to			
	(4) Set a cement plug 150' to surface in	side casing	g •	
$\langle \langle \langle \langle \rangle \rangle \rangle \rangle = \langle \langle \langle \langle \rangle \rangle \rangle = \langle \langle \langle \langle$	(5) Set dry hole marker. (6) Fill pits, clean and level location.			
		<u> </u>	1.1-	
	*All plugs will be with neat cement accelerator.	with or wi	thout an	
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	Charles Gholson Aztec OCD		3 4-	

WELL PROFILE		WELL BORE D	IAGRAM	Surface Ca		Prod Cros	IDa.	Γ
	11 .	L # Samantha #3		. SIZE	7 ⁵ ,,	4)"		
	11	r-k N-26-28N-01E			8			
2	COL	JNTY Rio Arriba		WEIGHT	26#	10.5#		<u></u>
\mathfrak{R}_{\cdot}	{	Undesignated		DEPTH	76'	1777		<u> </u>
76'	DA-	TE		SX. CAT.		1	_	-
- 8 8				TOP CMT.	CCS	CCS		<u> </u>
3					1005	1005		-
4	ITEM NO.	E	DUIPMENT AND S	ERVICES			•	
N H	1	9 7/8" hole to 78	3'.					
8 1	2	7 5/8" 26# csg. s	set @ 76'. Cmt.	crcl. to surf	ace.			
N	3	6 ¼" hole to 1778						
	5	4 ½" 10.5# csg. s	set @ 1777'. Cmt.	crcl. to sur	face.			
N X		10 6 1770 .						
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On the of Swen Constal

BOND NO. 9748960

STATE OF NEW MEXICO

ONE-WELL PLUGGING BOND

FOR CHAVES, EDDY, LEA, McKINLEY, RIO ARRIBA, ROOSEVELT, SANDOVAL, AND SAN JUAN COUNTIES ONLY

		AMOUNT OF BOND \$5,000,00
		The state of some state of the
		COUNTY Rio Arriba
моп:	For wells less than 5,000 feet deep, the minimum lond is \$5,000 00°. For wells 5,000 feet to 10,000 feet deep, the minimum bond is \$7,500 00°.	
	For wells more than 10,000 feet deep, the minimum bond is \$10,000 to	
	*Under certs in conditions, a well being didled under a \$5,000 to give \$2,500 to be of may be permitted depth, i.e., a well being didled under a \$5,000 to bend may be permitted to go to \$,400 best, and a we 10,500 feet (See Rule 101).	to be drifted as much as 500 feet deeper than the normal maximum. If being drifted under a \$7,500,00 hand may be permitted to go so
	File with Oil Conservation Commission, P. O. Bo	x 2088, Santa Fe 87501
KNOW	ALL MEN BY THESE PRESENTS:	
7	hat Alana Oil and Gas Corporation	(An individual) (a pattnership)
(a corpor	ation organized in the State of New Mexico	with its principal office in the city of
		and authorized to do business
	are of New Mexico), as PRINCIPAL, and Fidelity and De	
corporati	ion organized and existing under the laws of the State of Maryland	1
and aut	horized to do business in the State of New Mexico, as SURET	Y, are held firmly bound unto the State of New
	for the use and benefit of the Oil Conservation Commission of Statutes Annotated, 1953 Compilation, as amended, in the sum ofF1vi	
	lawful money of the United States, for the payment of which,	
	Y hereby bind themselves, their successors and assigns, jointly and severall	•
	• • • • • • • • • • • • • • • • • • • •	
T	The conditions of this obligation are such that:	
	VHERLAS, The above principal has heretofore or may hereafter enter into gas leases with the State of New Mexico; and	o oil and gas leases, or carbon dioxide (CO ₂) gas leases, or
	STIERCAS. The above principal has heretolore or may hereafter enter into par leases on lands patented by the United States of America to private also and	
may con	VHEREAS. The above principal, individually, or in association was increased a depth of 4999	leer, to prospect for and produce oil
started	or carlon dossile (CO ₂) gas or helium nos, or does own or no by others on land embraced in said State oil and gas leases, or land prepried by the United States of America on private ind	carbon dioxide (CO ₂) leases, or helium gas leases,
individu	land pitented by the United States of America to private industry, the illentification and location of said well being 1580 feet fit	rom the South line and 1202 feet from
MCD (Township 20 North North) (South). Range 1 East (East) (West), N.M.P.M.
	Rio Arriba County, New Mexico	
1.	COW, THEREFORE, If the above bounders principal and surery or either c	them or their successors or assigns, or any of them, shall

THUS, THE PERODE, the left second doll is million by facilities and and facilities produce with any and all of said of brigging, the same shall remain in full force and other transfer.

ping said well when dry or when abandoned in accordance with the rules, regulations, and orders of the Oil Conservation Commission of New Mexico in such way as to confine the oil, par, and water in the strata in which they are found, and to present them from escaping into other

STATE OF NEW MEXICO

ONE-WELL PLUGGING BOND

FOR CHAVES, EDDY, LEA, McKINLEY, RIO ARRIBA, ROOSEVELT, .SANDOVAL, AND SAN JUAN COUNTIES ONLY

		BOND NO. 9749003 (for Use (Saler) Company)
		AMOUNT OF BOND \$5000.00
		COUNTY Rio Arriba
NOTE:	For wells less than 5,000 feet deep, the minimum bond is \$5,000 00°. For wells 5,000 feet to 10,000 feet deep, the minimum bond is \$7,500 00°. For wells more than 10,000 feet deep, the minimum bond is \$10,000,00	
	Under cross a conditions, a well being disliked under a \$5 (wattr) or \$7.500 to be of more by permitted to be depth, i.e., a well being disliked under a \$5.000 00 being may be permitted to go to 5.409 feet, and a well being 00.500 feet (See Rule 101).	r drifted as much as SMO leve deeper than the normal maximum ing-drifted under a \$7,500 00 bend may be permitted to go to
	File with Oil Conservation Commission, P. O. Box 20	988, Santa Fe 87501
KNOW A	ALL MEN BY THESE PRESENTS:	
	Alana Oil and Gas Corporation	
a corpora	ttion organized in the State of New Mexico	, with its principal office in the city of
F	armington State of New Mexico to of New Mexico Pridelity and Depor	, and authorized to do business
Dollars U SURETY Th W	tarutes Annotated, 1953 Compilation, as amended, in the sum of <u>Five</u> as awful money of the United States, for the payment of which, we hereby hind themselves, their successors and assigns, jointly and severally, for conditions of this obligation are such that: THEREAS. The above principal has heretofore or may hereafter enter into oil.	Il and truly to be made, said PRINCIPAL and irmly by these presents.
И.	as leases with the State of New Mexico; and THEREAS. The above principal has heretofore or may hereafter enter into oical leases on lands parented by the United States of America to private in this and	• • • • • • • • • • • • • • • • • • • •
may com or gas, spanted t and on individua	THEREAS. The above principal, individually, or in association with impence the drilling of one well not to exceed a depth of 4999 or carbon devide (CO2) gas or beliam gas, or does own or may by others on land embraced in said State oil and gas leases, or carbon devide the United States of America to private individuals, the elemification and location of said well being 1105 feet from the County of the County of the County New Mexico.	leet, to prospect for and produce oil acquire, own or operate such well, or such well about dioxide (CO ₂) leases, or belium gas leases, thats, and on land otherwise owned by private the South and 2490 feet from the West
होग्द्र स्वर्ग	OW, THEREFORE, If the above bounden principal and surety or either of the well-when dry or when abandoned in according e with the roles, regulations, in such way as to confine the oil, gar, and water in the strata in which they a	and orders of the Oil Conservation Commission of New

THEN, THEPLORE. The observan shell is null are void, then also not in a star for complete compliance with any and all of said

obligations, the same shall remain in full force and effect.

STATE OF NEW MEXICO

ONE-WELL PLUGGING BOND

FOR CHAVES, EDDY, LEA, MCKINLEY, RIO ARRIBA, ROOSEVELT, SANDOVAL, AND SAN JUAN COUNTIES ONLY

	BOND NO. 9622700 (For Use of Surery Company)
	AMOUNT OF BOND \$5000.00
	COUNTY Rio Arriba
NOTE: For wells less than 5,000 feet deep, the minimum band is \$5,000 00°	
For wells 5,000 feet to 10,000 feet deep, the minimum band is \$7,500 00.	
For wells more than 10,000 feet deep, the minimum bond is \$10,000 (XI	
"Under certs in conditions, a well-bring dislect under a \$5 that (Q or \$7,500 th) best may be permitted in the digits, i.e., a well-leng dislect under a \$5 000 00 bond may be permitted in point 5,419 tern, and a well-beil 10.500 feet (See Rule 101).	e drilled as much as 500 feer desper than the normal maximum rup drilled under a \$7,500 00 band may be permitted to go to
File with Oil Conservation Commission, P. O. Box 20	188, Santa Fe 87501
KNOW ALL MEN BY THESE PRESENTS:	
That Alana Oil and Gas Corporation	(An individual) (a partnership)
(a corporation organized in the State of New Mexico	with its principal office in the rity of
Farmington, State of New Mexico	and authorized to do business
in the State of New Mexico), as PRINCIPAL, and _ riderity and Deposit	Company
corporation organized and existing under the laws of the State of Maryland	
and authorized to do business in the State of New Mexico, as SURETY,	
Mexico, for the use and benefit of the Oil Conservation Commission of Mexico Statutes Annotated, 1953 Compilation, as amended, in the sum of Five Th	New Mexico pursuant to Section 65-3.11. New
Dollars lawful money of the United States, for the payment of which, wel	Il and and the beauty of the property of
SURF I'Y hereby bind themselves, their successors and assigns, jointly and severally, fi	
Source 13 hereby find their sources, their sources and assigns, John by and severany, it	army by these presents.
The conditions of this obligation are such that:	
WHEREAS. The above principal has heretofore or may hereafter enter into oil helium pas leases with the State of New Mexico; and	l and gas leases, or carbon dioxide (CO ₂) gas leases, or
WHEPEAS. The above principal has heretolote or may hereafter enter into of helium gar teases on lands patented by the United States of America to private ir individuals; and	il and gas leases, or carbon dioxide (CO2) gas leases, or odividuals, and on lands otherwise owned by private
WHEREAS. The above principal, individually, or in association with may commence the drilling of one well not to ever dia depth of 4999 or gas, or rathen decision (CO) pas or belieful pas, or does own or may started by others on land embraced in said State of and gas leases, or called on land patented by the United States of America to private individuals, the identification and location of said well being 511'S, 2144'	deet, to prospect for and produce oil acquire, own or operate such well, or such well thou dioxide (CO ₂) leases, or belium gas leases, toals, and on land otherwise owned by private West Line
S tion 11 Township 27 North) (S. Rio Arriba Comuy, New Mexico.	outh), Range1(EastXWest), N.M.P.M.
NOW. THEREFORE, If the above from $\frac{1}{2}$ in principal and surery or either of the ping said will when dry or when abandone dim according ewith the rules, it enlations, it Mesoccin such way as to confine the oil, pay, and water in the strata in which they are visits	and orders of the Oil Conservation Commission of New
THUS THEFT ORT, The observable for multiply on their sometimes	and their of complete compliance with any and all of said

abliques insorthe same shall remain in full force and effect.

STATE OF NEW MEXICO

ONE-WELL PLUGGING BOND

BOND NO9749002 (For Use of Sinch Company) AMOUNT OF BOND \$5000.00 COUNTY Rio Arriba NOTE: Lor wells less than 5,000 feet deep, the minimum bond is \$5,000,000 For wells 5,000 feet to 10,000 feet deep, the minimum band is \$7,500.001 For wells more than 10,000 feet deep, the minimum bond is \$10,000.00 "Under certain conditions. E well boing drilled under a \$5.(84) (Q) or \$7.500 (B) boing may be permitted to be drilled as much as 500 feet deeper than the normal maximum. th, i.g., a well being drilled under a \$5,000 Dt bend may be permitted to go to 5,400 ber, and a well being drilled under a \$7,500 Dt bend may be permitted to go to 10 500 feet (See Rule 1011) File with Oil Conservation Commission, P. O. Box 2088, Santa Fe 87501 KNOW ALL MEN BY THESE PRESENTS: Alana Oil and Gas Corporation .. (An individual) (a partnership) (a corporation organized in the State of New Mexico , with its principal office in the city of Farmington, State of New Mexico _____, and authorized to do business Fidelity and Deposit in the State of New Mexico), as PRINCIPAL, and ___ corporation organized and existing under the laws of the State of _____Maryland and authorized to do business in the State of New Mexico, as SURETY, are held firmly bound unto the State of New Mexico, for the use and benefit of the Oil Conservation Commission of New Mexico pursuant to Section 65-311, New Mexico Statutes Annotated, 1953 Compilation, as amended, in the sum of Five Thousand and 00/100-----Dollars lawful money of the United States, for the payment of which, well and truly to be made, said PRINCIPAL and SURETY hereby bind themselves, their successors and assigns, jointly and severally, firmly by these presents. The conditions of this obligation are such that: WHEREAS. The above principal has herectofore or may hereafter enter into oil and gas leases, or carbon dioxide (CO:) gas leases, or hehum gas leases with the State of New Mexico; and WHERFAS. The above principal has heretolote or may hereafter enter into oil and gas leases, or carbon dioxide (CO2) gas leases, or helium par hases on lands parented by the United States of America to private individuals, and on lands otherwise owned by private individuals; and WHEREAS. The above principal, individually, or in association with one or more other parties, has commenced or may commence the drilling of one well not to exceed a depth of 4999 feet, to prospect for and produce oil or gas, or carbon dioxide (CO-) gas or behom gas, or does own or may acquire, own or sperate such well, or such well started by others on land embraced in said State oil and gas leases, or carbon dioxide (CO₂) leases, or helium gas leases, and on land jutented by the United States of America to private individuals, and on land otherwise owned by private individuals, the alk nufrication and location of said well being 1985 feet from the South line and 2290 feet from the West Line Section 26 Township 28 N (North) (South), Range 1(East)(West), N.M.P.M. Rio Arriba Conny, New Mexico NOW, THEREFORE, If the above bounden principal and surety or either of them or their successors or assigns, or any of them, shall plug said well when dry or when abandoned in accordance with the rules, regulations, and orders of the Oil Conservation Commission of New

THEN, THEPTORE, The objection shall be null and vinue, other comments of fault of complete compliance with any and all of said obligations, the same shall remain in full force and effect.

Messes in such way as to confine the oil, gar, and water in the strata in which they are found, and to prevent them from escaping into other