MAN AT FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable date by tellowing

Argo	Oil Cor	***************************************		······	•	Fort Worth		***************************************	
Shilo-Sta		or Opera W		1	in SE SI	of Sec	Address 20	·	30S
Lease									
Vell is 660	-	-							-
State land the									
patented land	-								
Government la									
ne Lessee is	_								
rilling commen	ed			19	 Drilling	was complete	:d		19
ame of drilling	contractor	•				Address			
levation above s				ntial until				19	•
o. 1, from	None	tc)		No. 4, fro	o m	t	·o	
o. 2, from		to	0		No. 5, fro	m	1	io	
o. 3, from		tc	D		No. 6, fro	m	t	;o	
					NT WATER S				
clude data on r						se in noie. feet	Fresh -	4001 wat	er in ho
o. 2, from					,				-
o. 3, from						1	-	704	ling up 3
o. 4, from			t	0		feet.			
				CASI	NG RECORD	·			· · · · · · · · · · · · · · · · · · ·
IZE WEIGH	THI	READS	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PER FROM	FORATED TO	PURPOSE
13" 50#	8		S.H.	649	Ter. Pat				Surfact
0" 32.7			Haw	1106	W W				Cave
1-5/8" 38#	8		S.H.	_1580_	- 1			_	Water.
					<u> </u>		1	<u> </u>	
			MUD	DING AND	CEMENTING	RECORD			3
77 OF C17F OF			NO CAC					and a second	
	WHERE	E SET	NO. SAC OF CEME		THOD USED	MUD GRA		AMOUNT OF 1	
HOLE CASING	WHERE 649		NO. SAC OF CEME			<u> </u>			
HOLE CASING	649				THOD USED	MUD GRA			
HOLE CASING	649		5		Dumped	MUD GRA			
HOLE CASING	649		5	KS NT ME	Dumped	MUD GRA			
15½ 13 10° 8-5/6	649 3 159	0	50	KS ME	Dumped Halliburt	MUD GRA	VITY	AMOUNT OF 1	MUD USED
15½ 13 10° 8-5/6 eaving plug—M	649 158	0	50	PLUGS A	Dumped Halliburt AND ADAPTE	MUD GRA	Depth Set	AMOUNT OF 1	MUD USED
15½ 13 10° 8-5/6 eaving plug—M	649 158	0	50	PLUGS A	Dumped Halliburt AND ADAPTE	MUD GRA	Depth Set	AMOUNT OF 1	MUD USED
HOLE CASING 15 13 10 8-5/6 eaving plug—M dapters—Materia	MHERI 649 3 158 aterial	RECO	50 DRD OF OSIVE OF	PLUGS A Lei Sir	ETHOD USED Dumped Halliburt AND ADAPTE ngth ze OR CHEMIC	MUD GRA	Depth Set	AMOUNT OF I	MUD USED
15 13 15 13 10 8-5/6 eaving plug—Materia	649 158	RECO	50 50 ORD OF	PLUGS A Lei Sir	ETHOD USED Dumped Halliburt AND ADAPTE ngth	MUD GRA	Depth Set	AMOUNT OF 1	MUD USED
15 13 15 13 16 8-5/6 eaving plug—Materia	MHERI 649 3 158 aterial	RECO	50 DRD OF OSIVE OF	PLUGS A Lei Sir	ETHOD USED Dumped Halliburt AND ADAPTE ngth ze OR CHEMIC	MUD GRA	Depth Set	AMOUNT OF I	MUD USED
15 13 15 13 10 8-5/6 eaving plug—Materia	MHERI 649 3 158 aterial	RECO	50 DRD OF OSIVE OF	PLUGS A Lei Sir	ETHOD USED Dumped Halliburt AND ADAPTE ngth ze OR CHEMIC	MUD GRA	Depth Set	AMOUNT OF I	MUD USED
HOLE CASING 15 13 10 8-5/8 eaving plug—M dapters—Materia	MHERI 649 3 158 aterial	RECO EXPL CHEMI	50 DRD OF OSIVE OF	PLUGS A Lei Si: SHOOTING	ETHOD USED Dumped Halliburt AND ADAPTE ngth Ze OR CHEMIC	MUD GRA COR CAL TREATM DATE OR	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT
HOLE CASING 15 13 10 8-5/8 eaving plug—M dapters—Materia	MHERI 649 3 158 aterial	RECO EXPL CHEMI	50 DRD OF OSIVE OF	PLUGS A Lei Si: SHOOTING	ETHOD USED Dumped Halliburt AND ADAPTE ngth Ze OR CHEMIC	MUD GRA COR CAL TREATM DATE OR	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT
HOLE CASING 15 13 25 25 25 25 25 25 25 25 25 25 25 25 25 2	MHERI 649 3 158 aterial	RECO EXPL CHEMI	50 DRD OF OSIVE OF	PLUGS A Lei Si: SHOOTING	ETHOD USED Dumped Halliburt AND ADAPTE ngth Ze OR CHEMIC	MUD GRA COR CAL TREATM DATE OR	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT
HOLE CASING 15 13 2-5/2 10 8-5/2 eaving plug—M dapters—Materia SIZE SHEI esults of shootin	MHERI 649 3 158 aterial L USED	RECO EXPL CHEMI	50 DRD OF OSIVE OF	PLUGS A Lei Si: SHOOTING	Dumped Halliburt AND ADAPTE ngth Ze OR CHEMIC	MUD GRA COR CAL TREATM DATE OR	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT
HOLE CASING 15 13 25 10 8-5/6 eaving plug—Materia SIZE SHEIL esults of shootin	MHERI 649 358 aterial L USED g or chem	RECO EXPL CHEMI	50 ORD OF COSIVE OF ICAL USE	PLUGS A Lei Si: SHOOTING	ETHOD USED Dumped Halliburt AND ADAPTE ngth Ze OR CHEMIC NTITY 1	MUD GRA CRS CAL TREATM DATE OR	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT
HOLE CASING 15 13 25 25 25 25 25 25 25 25 25 25 25 25 25 2	MHERI 649 358 aterial L USED g or chem	RECO EXPL CHEMI	50 ORD OF COSIVE OF ICAL USE	PLUGS A Lei Si: SHOOTING	ETHOD USED Dumped Halliburt AND ADAPTE ngth Ze OR CHEMIC NTITY 1	MUD GRA CRS CAL TREATM DATE OR	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT
HOLE CASING 15 13 25 25 25 25 25 25 25 25 25 25 25 25 25 2	MHERI 649 358 aterial L USED g or chem	RECO EXPL CHEMI	50 ORD OF COSIVE OF ICAL USE	PLUGS A Lei Si: SHOOTING D QUAI	ETHOD USED Dumped Halliburt AND ADAPTE ngth Ze OR CHEMIC NTITY 1	MUD GRA CRS CAL TREATM DATE OR	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT
HOLE CASING 15 13 25 27 10 8-5/8 eaving plug—Materia SIZE SHEI esults of shootin drill-stem or other	where 649 3 159 aterial L USED g or chemener specia	RECO EXPL CHEMI	50 DRD OF OSIVE OF ICAL USE atment ECORD OF	PLUGS A Lei Si: SHOOTING D QUAI	ETHOD USED Dumped Halliburt AND ADAPTE GOR CHEMIC NTITY STEM AND SI were made, st OLS USED	CAL TREATM DATE OR PECIAL TESTS abmit report or	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT
tary tools were	where 649 3 159 aterial L USED g or chemer special used from	RECO EXPL CHEMI	50 DRD OF OSIVE OF ICAL USE atment ECORD OF	PLUGS A Lei Si: SHOOTING D QUAI	ETHOD USED Dumped Halliburt AND ADAPTE GOR CHEMIC NTITY STEM AND SI were made, so DLS USED fee	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT ach hereto.
tary tools were	where 649 3 159 aterial L USED g or chemer special used from	RECO EXPL CHEMI	50 DRD OF OSIVE OF ICAL USE atment ECORD OF	PLUGS A Lei Si: SHOOTING D QUAI OF DRILL-S on surveys TOO feet to	THOD USED Dumped Halliburt AND ADAPTE GOR CHEMIC NTITY STEM AND SI were made, st DLS USED fee 4210 fee	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT ach hereto.
tary tools were tools were	aterial ateria	RECO EXPL CHEMI	50 ORD OF OSIVE OF ICAL USE Atment ECORD OF OF deviation	PLUGS A Lei Si SHOOTING D QUAI DF DRILL-S On surveys TOO feet to PRO	ETHOD USED Dumped Halliburt AND ADAPTE agth COR CHEMIC NTITY I STEM AND SI were made, so OLS USED fee A210 fee	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT ach hereto.
to producing	aterial ateria	RECO EXPL CHEMI nical trea	50 DRD OF OSIVE OF ICAL USE atment ECORD OF or deviation	PLUGS A Lei Si: SHOOTING D QUAI OF DRILL-S on surveys TOO feet to PRO , 19	ETHOD USED Dumped Halliburt AND ADAPTE GOR CHEMIC NTITY INTITY	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from t, and from	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT ach hereto. feet
tary tools were to producing eproduction of	aterial L USED g or chem ner specia used from the first 2	RECO EXPL CHEMI	50 DRD OF OSIVE OF ICAL USE Atment ECORD OF OF deviation	PLUGS A Ler Sir SHOOTING D QUAR DF DRILL-S On surveys TOO feet to PRO , 19	THOD USED Dumped Halliburt AND ADAPTE agth COR CHEMIC NTITY I STEM AND SI were made, so CLS USED fee A210 fee DUCTION barrels of	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from t, and from fluid of which	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT ach hereto. feet feet
to producing to producing to production of ulsion;	where 649 3 159 aterial aterial aterial used from the first 2 % wa	RECO EXPL CHEMI Al tests of	50 DRD OF OSIVE OF ICAL USE atment ECORD OF OF deviation	PLUGS A Lei Si: SHOOTING D QUAI OF DRILL-S on surveys TOO feet to PRO , 19	THOD USED Dumped Halliburt AND ADAPTE General STEM AND SI Were made, st DLS USED fee 4210 fee DUCTION barrels of ent. Gravity	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from t, and from fluid of which Be	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT ach hereto. feet feet
tary tools were to producing e production of sulsion; gas well, cu. ft.	aterial ateria	RECO EXPL CHEMI nical trea RI l tests of	50 ORD OF OSIVE OF ICAL USE Atment ECORD OF ORD OF OR ORD OF O	PLUGS A Ler Si: SHOOTING D QUAR DF DRILL-S On surveys TOO feet to PRO 19	Dumped Halliburt AND ADAPTE agth To R CHEMI NTITY STEM AND SI were made, st OLS USED fee DUCTION barrels of ent. Gravity Gallons ga	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from t, and from fluid of which Be	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT ach hereto. feet feet
tary tools were to producing e production of sulsion; gas well, cu. ft.	aterial ateria	RECO EXPL CHEMI nical trea RI l tests of	50 ORD OF OSIVE OF ICAL USE Atment ECORD OF ORD OF OR ORD OF O	PLUGS A Ler Si: SHOOTING D QUAR DF DRILL-S On surveys TOO feet to PRO , 19	Dumped Halliburt AND ADAPTE agth To R CHEMI NTITY STEM AND SI were made, st OLS USED fee DUCTION barrels of ent. Gravity Gallons ga	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from t, and from fluid of which Be	Depth Set ENT PTH SHOT TREATED	DEPTH CLE	ANED OUT ach hereto. feet feet
eaving plug—Material SIZE SHEI SIZE SHEI cut to producing see production of shooting see shooti	daterial atterial att	RECO EXPL CHEMI Al tests of the state of th	50 ORD OF OSIVE OF ICAL USE Atment ECORD OF OF deviation	PLUGS A Lei Si: SHOOTING D QUAI DF DRILL-S on surveys TOO feet to PRO , 19 % sedim	THOD USED Dumped Halliburt AND ADAPTE Geth Trity Trity STEM AND Si Were made, st OLS USED fee DUCTION barrels of ent. Gravity Gallons ga	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from t, and from fluid of which Be soline per 1,000	Depth Set ENT PTH SHOT TREATED Separate sepa	DEPTH CLE Sheet and att feet to "% was oil;	ANED OUT ach hereto. feet feet
HOLE CASING 15 13 25 25 25 25 25 25 25 25 25 25 25 25 25 2	aterial L USED g or chem ner specia used from the first 2 % wa per 24 ho per sq. :	RECO EXPL CHEMI aical trea RI al tests of the service of the ser	50 DRD OF OSIVE OF ICAL USE atment ECORD OF deviation was	PLUGS A Lei Si: SHOOTING D QUAI DF DRILL-S On surveys TOO feet to PRO , 19 % sedim	THOD USED Dumped Halliburt AND ADAPTE ngth THOUSE BY STEM AND SI WERE made, SI OLS USED fee A210 fee DUCTION barrels of ent. Gravity Gallons ga	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from t, and from fluid of which Be soline per 1,000	Depth Set ENT PTH SHOT TREATED S 1 separate s	DEPTH CLE Sheet and att feet to feet to was oil;	ANED OUT ach hereto. feet feet , Driller
eaving plug—Materia SIZE SHEI SIZE SHEI cutary tools were to producing to production of the product	aterial L USED g or chem ner specia used from the first 2 % wa per 24 ho per sq. :	RECO EXPL CHEMI aical trea RI al tests of the service of the ser	50 DRD OF OSIVE OF ICAL USE atment ECORD OF deviation was	PLUGS A Lei Si: SHOOTING D QUAI DF DRILL-S On surveys TOO feet to PRO , 19 % sedim	THOD USED Dumped Halliburt AND ADAPTE ngth THOUSE BY STEM AND SI WERE made, SI OLS USED fee A210 fee DUCTION barrels of ent. Gravity Gallons ga	CAL TREATM DATE OR PECIAL TESTS abmit report or t, and from t, and from fluid of which Be soline per 1,000	Depth Set ENT PTH SHOT TREATED S 1 separate s	DEPTH CLE Sheet and att feet to feet to was oil;	ANED OUT ach hereto. feet feet , Driller
eaving plug—Material SIZE SHEI SIZE SHEI cut to producing te production of sulsion; gas well, cu. ft. ck pressure, lbs	aterial L USED g or chem ner specia used from the first 2 % wa per 24 ho per sq. i	RECO EXPL CHEMI nical trea RI l tests of ter; and ours in	50 ORD OF OSIVE OF ICAL USE Atment ECORD OF OR deviation Was FORML	PLUGS A Ler Si: SHOOTING D QUAR DF DRILL-S On surveys TOO feet to PRO , 19 % sedim EM , Dri ATION REC on given her	THOD USED Dumped Halliburt AND ADAPTE agth COR CHEMIC NTITY INTITY INT	CAL TREATM DATE OR CAL TREATM DATE OR CAL TREATM OATE	Depth Set ENT PTH SHOT TREATED Cu. ft. of a	DEPTH CLE	ach hereto. feet feet priller
eaving plug—Material SIZE SHEI SIZE SHEI cut to producing e production of sulsion; gas well, cu. ft. ck pressure, lbs	aterial L USED g or chem ner specia used from the first 2 % wa per 24 ho per sq. i	RECO EXPL CHEMI nical trea RI l tests of ter; and ours in	50 ORD OF OSIVE OF ICAL USE Atment ECORD OF OR deviation Was FORML	PLUGS A Ler Si: SHOOTING D QUAR DF DRILL-S On surveys TOO feet to PRO , 19 % sedim EM , Dri ATION REC on given her	THOD USED Dumped Halliburt AND ADAPTE agth COR CHEMIC NTITY INTITY INT	CAL TREATM DATE OR CAL TREATM DATE OR CAL TREATM OATE	Depth Set ENT PTH SHOT TREATED Cu. ft. of a	DEPTH CLE	ach hereto. feet feet priller
to producing e production of ulsion; gas well, cu. ft. ck pressure, lbs	aterial L USED g or chem ner specia used from the first 2 % wa per 24 ho per sq. i	RECO EXPL CHEMI nical trea RI l tests of ter; and ours in	50 ORD OF OSIVE OF ICAL USE Atment ECORD OF OR deviation Was FORML	PLUGS A Ler Si: SHOOTING D QUAR DF DRILL-S On surveys TOO feet to PRO , 19 % sedim EM , Dri ATION REC on given her	THOD USED Dumped Halliburt AND ADAPTE ngth COR CHEMIC NTITY I STEM AND SI were made, so DLS USED fee 4210 fee 4210 fee A210 fee PLOYEES Her ller CORD ON OT rewith is a corecords.	CAL TREATM DATE OR CAL TREATM DATE OR CAL TREATM OATE	Depth Set ENT PTH SHOT TREATED Solve Separate separat	DEPTH CLE Sheet and att feet to feet to Was oil; gas	ach hereto. feet feet feet foot nd all work
eaving plug—Material SIZE SHEI SIZE SHEI cut to producing e production of sulsion; gas well, cu. ft. ck pressure, lbs	aterial L USED g or chem ner specia used from the first 2 % wa per 24 ho per sq. i	RECO EXPL CHEMI at the indetermin	50 ORD OF OSIVE OF ICAL USE atment was FORM Informationed from	PLUGS A Len Sir SHOOTING D QUAN DF DRILL-S On surveys TOO feet to PRO , 19 % sedim ATION REG on given her available reg	THOD USED Dumped Halliburt AND ADAPTE agth COR CHEMIC NTITY I STEM AND SI Were made, st OLS USED fee A210 fee DUCTION barrels of ent. Gravity Gallons ga PLOYEES LICE CORD ON OTherwith is a concords.	CAL TREATM CAL TREATM CATE OR PECIAL TESTS abmit report or t, and from t, and from the soline per 1,000 L. H. Horr THER SIDE Inplete and corr	Depth Set ENT PTH SHOT TREATED Solve Separate separat	DEPTH CLE Sheet and att feet to feet to Was oil; gas	ach hereto. feet feet feet foot nd all work
eaving plug—Material SIZE SHEI SIZE SHEI Sults of shootin drill-stem or other tary tools were to producing to producing to producing to producing to producing to producing the production of the production	aterial L USED g or chem ner specia used from the first 2 % wa per 24 ho per sq. i	RECO EXPL CHEMI Altests of the state of the	DRD OF OSIVE OF ICAL USE atment ECORD OF or deviation Was FORM Information and from	PLUGS A Ler Sir SHOOTING D QUAR TOO feet to feet to PRO , 19 % sedim EM ATION REG on given her available re	THOD USED Dumped Halliburt AND ADAPTE agth COR CHEMIC NTITY I STEM AND SI Were made, st OLS USED fee A210 fee DUCTION barrels of ent. Gravity Gallons ga PLOYEES Her CORD ON OTHER Tewith is a concords.	CAL TREATM CAL TREATM CATE OR PECIAL TESTS abmit report or t, and from t, and from the soline per 1,000 L. H. Horr THER SIDE Inplete and corr	Depth Set ENT PTH SHOT TREATED Cu. ft. of a	DEPTH CLE	ach hereto. feet feet 7 Driller d all work

FORMATION RECORD

FROM	то	THICKNESS IN FEET	FORMATION
0	9	20x 9	Sand
9	4 0	31	Caliche
40	60	20	Red Sand
60	70	10	Red Rock
70	580	510	Red Rock
580	640	60	Water Sand
640	1106	46 6	Red Rock
1106	1113	7	Sand and Blue Shale
1113	1168	55	Red Rock
1168	1180	12	Sana
1 1 80	1210	30	Red Rook
1210	1220	10	Blue Shale
1220	1270	50	Red Sandy Shale
1270	1310	40	Sandy Red Rock
1310	1390	80	Water Sand
1390	1395	5	Red Rock
1395	1440	45	Send
1440	1455	15	Red Rock
1455	1465	10	Red Rock
1465	1485	20	Sandy Red Rock
1485	1505	20	Red Sandy Shale
1505	1770	265	Red Rock
1770	1810	40	Red Sandy Shale
1810	2025	213	Red Rock
2023	2060	37	Anhydrate Pod Postugal+
2060	2080	20	Red Rock-Salt
2080	2104	24	Anhydrite Plus Shale
2104	2115	11	Blue Shale
2115	2160	45	Anhydrite Solt and Detach
2160	2250	70	Salt and Potash Ped Poek and Anhydnite
2230	2240 2282	10	Red Rock and Anhydrite Anhydrite
2240 22 6 2	2335	57	Red Rock, Salt, Anhydrite
2335	2575	40	Anhydrite and Red Rock
2375	2415	40	Red Rook, Anhydrite and Salt
2415	2475	60	Salt and Red Rock
2475	2515	40	Salt and Potash
2515	2536	21	Salt
2536	2560	24	Anhydrite
2560	2 63 0	70	Salt and Potash
2630	26 5 0	20	Salt
2650	2670	20	Anhydrite
2670	2695	25	Potash, Salt and Red Rock
2695	3000	305	Salt and Potash
3000	3035	35	Salt and Anhydrite
3055	3235	200	Salt and Potash
5255	3615	580	Salt
3615	3745	30	Anhydrite
3745	3760	15	Line
3760	3790	30	Anhydrite
3790	3815	25	Lime
3015	3830	15	Anhydrite and Red Rock
, 3930	3850	20	Broken Lime and Red Rock
3850	3865	15	Broken Line
3865	3880	15	Anhydrite and Red Rock
38 80	3900	20	Broken Lime and Red Rock
390 0	3920	20	Broken Lime, Sandy
3920	3970	50	Broken Lime
3970	3985	15	Sandy Red Rock
3985	4005	20	Anhydrive and Lime
4005	4020	15	Lim
4080	4025	5	Anhydrite
4025	4040	15	Line, Red Rock, Blue Shale
4040	4050	10	Anhydrite
4050	4095	45	Lim
4095	4100	15	Broken Lime with Shale Breaks
4100	4179	79	Lime
4179	4190	11	Sand
4190	4210	20	Water Sand - Sulphur
	1	1	1