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 Begulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TEIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES LOCATE WELL CORRECTLY

	Associated Oil Com				
Percy Herdy	y or Operator 1	in SE/4	L7 Address	, T	S
57-E N. M. 1	Drinkerd P. M.	Field,	Lea	1	County
feet south	of the North line and.	•feet west of the	East line of	1/4 of 31/4	
State land the oil and gas	lease is No	Assignment No		······································	• • •
patented land the owner is	Percy Hardy		., Address	100, NOV 1103	160
Government land the perm	littee is		, Address	_ b a	
he Lessee is		lated Ull Co.	, Address		
rilling commenced.	24th, 1947		pleted	ne 30th,	
	Makin Drilling Com				
levation above sea level at t	top of casing 3,467	feet. (Derric	k Floor 3,4	771)	
		Not confidential		19	
he information given is to l	be kept confidential until	HAA AAWT TAATAAG			
he information given is to b	OIL S	ANDS OR ZONES			
	OIL S	ANDS OR ZONES			
o. 1, from 5,221 fo. 2, from 6,549	OIL 8 to 5,846' to 6,620'	ANDS OR ZONES		to	
o. 1, from 5,221 fo. 2, from 6,549	OIL S	ANDS OR ZONES		to	
o. 1, from 5,221 fo. 2, from 6,549	OIL 8 to 5,846' to 6,620' to to	ANDS OR ZONES		to	
o. 1, from 5,821 io. 2, from 6,549' io. 3, from	OIL S to 5,846' to 6,620' to IMPORT er inflow and elevation to wh	ANDS OR ZONES No. 4, from No. 5, from No. 6, from PANT WATER SANDS ich water rose in hole.		to to	
0. 1, from 5,221 0. 2, from 6,549' 0. 3, from	OIL S to 5,846' to 6,620' to IMPOBT	ANDS OR ZONES No. 4, from No. 5, from No. 6, from PANT WATER SANDS ich water rose in hole.		to to	
0. 1, from 5,221 0. 2, from 6,549' 0. 3, from	OIL S to 5,846' to	ANDS OR ZONES No. 4, from No. 5, from No. 6, from ANT WATER SANDS ich water rose in hole.	feet	to to	
5,221 6,549' 6,549' 6,3, from nclude data on rate of wate 6.1, from 80.2, from 10.3, from	OIL S to 5,846' to 6,620' to IMPORT er inflow and elevation to wh on log.	ANDS OR ZONES No. 4, from No. 5, from No. 6, from PANT WATER SANDS ich water rose in hole.	feet feet	to to	

CASING RECORD

	WEIGHT	THREADS	1		KIND OF	CUT & FILLED	PERF	ORATED	PURPOSE
SIZE	PER FOOT	PER INCH	MAKE	AMOUNT	SHOE	FROM	FROM	то	PORPOSE
13-3/8*0	56	P.E.	ATEGO	280'	Armco	-	-	-	-
8-5/8"00	32#	8-R	Pitts.	2844'	Baker	-	*	-	
5-1/2"00	15.5	8-R		6688'	Larkin		6539	6541	Production
							6554	6680	
							6620	66374	*
			· ·						
						-			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED

		51110							
7-1/4"	_		297		300	Halliburto	n		
		-5/8*	2814	•	1200	*			
-7/8"	5	-1/2"	6641	•	500	*			
]					Į		J	
						PLUGS AND AD	APTERS		
Hooming	a nhua	- Mata	riol			Length		Depth Set	
Heaving	g prug	g—mate	1a1	•••••		G!		•	
Adapter	rs—M	aterial	•••••••						
				1	RECORD OF	E CE DE DE DE CE	EMICAL TREA	ATMENT	
		<u> </u>		EX	PLOSIVE OR		1	DEPTH SHOT OR TREATED	
1.14	EXX	5) () () () () ()		CHE	PLOSIVE OR MICAL USED	QUANTITY	DATE	OR TREATED	DEPTH CLEANED OUT
Chemj	ical	Prece		15%	Acid	1,000 Gel	6-15-47	6637-6592'	
		11		π	#	1,009 "	6-18-47	6,585-6,539	
		-			**	1,000	6-23-47	6.657-6.648	•
							ennror 1/	2 bbl. now h	ourbeforeaeid
AITOI	r 86	14121	NG WOL	L IL	CHUE, CI 1	COLD DOTE	OIL DOT DE		
		•••••••••••			<u></u>			·····	
				÷		F DBILLSTEM A			
te deill-	atom								nd attach hereto.
TT		or other	special t	ests o	r deviation s	urveys were made,	submit report of	n separate sheet at	
	-stem	or other	special t	ests o	r deviation s	urveys were made,		n separate sneet at	
						TOOLS US	ED		
						TOOLS US	ED		
Rotary	tools	were us	ed from		0 fee	TOOLS US t to 6,657' T. I	ED * .feet, and from	fe	eet tofeet
Rotary	tools	were us	ed from		0 fee	TOOLS US t to 6,657' T. I	ED * .feet, and from	fe	eet tofeet
Rotary Cable	tool s tools	were use	ed from ed from		0 fee	TOOLS US t to 6,657' T. I t to PRODUCT :	ED * .feet, and from	fe	eet tofeet
Rotary Cable	tools - tools -	were use	ed from ed from	sh,	0fee	TOOLS US t to	ED feet, and from feet, and from *Dr111ed ON	to 6,657' P O gallons Dor	eet tofeet bet tofeet .B. to 6,640' with well Plastic.
Rotary Cable	tools - tools -	were use	ed from ed from	sh,	0fee	TOOLS US t to	ED feet, and from feet, and from *Dr111ed ON	to 6,657' P O gallons Dor	eet tofeet bet tofeet .B. to 6,640° with well Plastic.
Rotary Cable	tools - tools - produ	were use were use ucing J 1	ed from ed from ely 16 e first 24	th , hour:	0 fee fee s was 120	TOOLS US t to	ED feet, and from feet, and from *Drilled CON	fe to 6,657' P O gallons Dor which 99.5	eet tofeet eet tofeet .B. to 6,640' with well Plastic. % was oil; 8/10 %
Rotary Cable 1 Put to 1 The pro emulsion	tools tools produ oduction;	were use were use ncing	ed from ed from el y 16 e first 24 % wat	th, hours	0 fee fee s was 130 nd 3/10	TOOLS US t to	ED Teet, and from feet, and from ON TILL CON TILL rels of fluid of 	fo to 6,657' P 0 gallons Dor which 99.5	feet tofeet Bet tofeet B. to 6,640' with well Plastic. % was oil; 8/10 %
Rotary Cable 1 Put to The pro emulsion	tools tools produ oductio	were use were use neing	ed from ed from el y 16 e first 24 % wat	th , hours	0 fee fee s was 130 nd 3/10	TOOLS US t to	ED Teet, and from feet, and from Dr1110 CON Tels of fluid of wity, Be	ft to 6,657' P 0 gallons Dor which 99.5 6 60	eet tofeet Bet tofeet B. to 6,640' with well Plastic. % was oil; 8/10 %
Rotary Cable 1 Put to The pro emulsion	tools tools produ oductio	were use were use neing	ed from ed from el y 16 e first 24 % wat	th , hours	0 fee fee s was 130 nd 3/10	TOOLS US t to	ED Teet, and from feet, and from Dr1110 CON Tels of fluid of wity, Be	ft to 6,657' P 0 gallons Dor which 99.5 6 60	eet tofeet Bet tofeet B. to 6,640' with well Plastic. % was oil; 8/10 %
Rotary Cable 1 Put to The pro emulsion	tools tools produ oductio	were use were use neing	ed from ed from el y 16 e first 24 % wat	th , hours	0 fee fee s was 130 nd 3/10	TOOLS US t to	ED Teet, and from "Dr 111ed ON "Dr 111ed ons gasoline per ne 1,082,2"	ft to 6,657' P 0 gallons Dor which 99.5 6 60	eet tofeet Bet tofeet B. to 6,640' with well Plastic. % was oil; 8/10 %
Rotary Cable f Put to The pro emulsion If gas w Rock pu	tools tools produ oduction;	were use were use acing	ed from ed from el y 16 e first 24 % wat er 24 hou er sq. in.	bh, hours er; ar hrs	0 fee fee s was 180 nd 3/10	TOOLS US t to 6,657' T.I t to PRODUCT , 19bar % sediment. Gra Gall (Gas Volu EMPLOYE	ED feet, and from feet,	ft to 6,657' P 0 galions Dow which 99.5 2 60 1,000 cu. ft. of gas 70 cu.ft. dai	eet tofeet B. to 6,640' with well Plastic. % was oil; 8/10 % s Ly.)
Rotary Cable 1 Put to 1 The pro emulsion If gas 1 Rock pr	tools tools produ oduction; well, o ressur	were use were use neing. Ji on of th O cu. ft. p re, lbs. p	ed from ed from ely 16 e first 24 % wat er 24 hou er sq. in. en	th, hours er; ar irs	0 fee fee was 120 ad 3/10	TOOLS US t to	ED Teet, and from "Drilled "Drilled "Drilled wity, Be4 ons gasoline per se 1,082,2 ES John	fo to 6,657' P o galions Dow which 99.5 c 60 1,000 cu. ft. of gas 70 cu.ft. dai N. Adams	eet tofeet bet tofeet .B. to 6,640' with well Plastic. % was oil; 8/10 % s
Rotary Cable 1 Put to The pro emulsion If gas 1 Rock pr Jaci	tools tools produ oduction; well, o ressur	were use were use acing	ed from ed from ely 16 e first 24 % wat er 24 hou er sq. in. en	th, hours er; ar irs	0 fee fee was 120 ad 3/10	TOOLS US t to	ED Teet, and from "Drilled "Drilled "Drilled wity, Be4 ons gasoline per se 1,082,2 ES John	fo to 6,657' P o galions Dow which 99.5 c 60 1,000 cu. ft. of gas 70 cu.ft. dai N. Adams	eet tofeet Bet tofeet B. to 6,640' with well Plastic. % was oil; 8/10 % s Ly.)
Rotary Cable 1 Put to 1 The pro emulsion If gas 1 Rock pr	tools tools produ oduction; well, o ressur	were use were use neing. Ji on of th O cu. ft. p re, lbs. p	ed from ed from ely 16 e first 24 % wat er 24 hou er sq. in. en	th, hours er; ar irs	0 fee fee was 120 ad 3/10	TOOLS US t to	ED Teet, and from "Drilled ON " rels of fluid of wity, Be	fe to 6,657' P 0 galions Down which 99.5 . C 60 1,000 cu. ft. of gas 70 cu.ft. dai N. Adams	eet tofeet bet tofeet .B. to 6,640' with well Plastic. % was oil; 8/10 % s
Rotary Cable (Put to) The pro emulsion If gas v Rock pr Jaci Hue	tools tools produ oduction; well, o ressur	were use were use neing	ed from ed from e first 24 % wat er 24 hou er sq. in. en	th, hours er; ar hrs	0 fee fee s was 120 nd 3/10 fo test	TOOLS US t to	ED Teet, and from "Dr 111ed on 111ed vity, Be41 ons gasoline per se 1,082,25 ES John 1 DN OTHER SII	fe to 6,657' P 0 galions Dow which 99.5 c 60 1,000 cu. ft. of gas 70 cu.ft. dai W. Adams	eet tofeet bet tofeet .B. to 6,640' with well Plastic. % was oil; 2/10 s% s ly.) Driller
Rotary Cable (Put to) The pro emulsion If gas v Rock pr Jaci Hue	tools tools produ oduction; well, o ressur	were use were use neing	ed from ed from e first 24 % wat er 24 hou er sq. in. en	th, hours er; ar hrs	0 fee fee was 120 nd 3/10 fo test	TOOLS US t to	ED Teet, and from "Dr 111ed on 111ed vity, Be41 ons gasoline per se 1,082,25 ES John 1 DN OTHER SII	fe to 6,657' P 0 galions Dow which 99.5 c 60 1,000 cu. ft. of gas 70 cu.ft. dai W. Adams	eet tofeet bet tofeet .B. to 6,640' with well Plastic. % was oil; 8/10 % s
Rotary Cable 1 Put to 1 The pro emulsion If gas v Rock pr Jack Hue I hereby	tools tools produ oduction; well, o ressur or In	were use were use neing. Ji on of th C	ed from ed from ely 16 e first 24 % wat er 24 hou er sq. in. en firm that	the in	0 fee fee s was 120 nd 3/10 - test FOBM	TOOLS US t to	ED Teet, and from "Dr 111ed on 111ed vity, Be41 ons gasoline per se 1,082,25 ES John 1 DN OTHER SII	fe to 6,657' P 0 galions Dow which 99.5 c 60 1,000 cu. ft. of gas 70 cu.ft. dai W. Adams	eet tofeet bet tofeet .B. to 6,640' with well Plastic. % was oil; 2/10 s% s ly.)
Rotary Cable 1 Put to 1 The pro emulsion If gas v Rock pr Jack Hue I hereby	tools tools produ oduction; well, o ressur or In	were use were use neing. Ji on of th C	ed from ed from ely 16 e first 24 % wat er 24 hou er sq. in. en firm that	the in	0 fee fee was 120 nd 3/10 fo test	TOOLS US t to	ED Teet, and from "Dr 111ed ON "Dr 111ed ons gasoline per as 1,082,2" ES John M ON OTHER SII omplete and cor	for to 6,657' P ogalions Dow which 99.5 c 60 c 1,000 cu. ft. of gas 70 cu.ft. dai N. Adams DE rect record of the v	eet tofeet bet tofeet .B. to 6,640' with well Plastic. % was oil; 8/10 % s
Rotary Cable i Put to The pro emulsion If gas v Rock pr Jack Hue I hereby it so fat	tools tools produ oduction; well, o ressur y In y Swee r as c	were use were use acing. Ji on of th O cu. ft. p re, lbs. p onder ar or af: can be d	ed from ed from ely 16 e first 24 % wat er 24 hou er 24 hou er sq. in. en firm that	the ind from	0 fee fee s was 120 ad 3/10 - test FORM nformation gin a available re	TOOLS US t to	ED Teet, and from "Dr 111ed ON T 11ed ons gasoline per as 1,082,2 ES John M ON OTHER SII omplete and con	fice for	eet tofeet bet tofeet .B. to 6,640' with well Plastic. % was oil; 2/10 % s ly.)
Rotary Cable i Put to The pro emulsion If gas v Rock pr Jack Hue I hereby it so fat	tools tools produ oduction; well, o ressur y In y Swee r as c	were use were use acing. Ji on of th O cu. ft. p re, lbs. p onder ar or af: can be d	ed from ed from ely 16 e first 24 % wat er 24 hou er 24 hou er sq. in. en firm that	the ind from	0 fee fee s was 120 ad 3/10 formation gi n available re this 24th	TOOLS US t to	ED Teet, and from "Dr 111ed ON "Dr 111ed ons gasoline per as 1,082,2" ES John M ON OTHER SII omplete and cor	fice for	eet to
Rotary Cable i Put to The pro emulsion If gas v Rock pr Jack Hue I hereby it so fat	tools tools produ oduction; well, o ressur well, o ressur y In y swe ar as c ibed a	were use were use neing. Ji on of th C	ed from ed from ely 16 e first 24 % wat er 24 hou er 24 hou er sq. in. en firm that	the ind from	0 fee fee s was 120 ad 3/10 - test FORM nformation gin a available re	TOOLS US t to	ED Teet, and from "Dr 111ed ON T 11ed ons gasoline per as 1,082,2 ES John M ON OTHER SII omplete and con	fice for	eet tofeet B. to 6,640' with well Plastic. % was oil; 2/10 % s ly.)
Rotary Cable 1 Put to 1 The pro emulsion If gas v Rock pr Jaci Huo I hereby it so fa Subscri	tools tools produ oduction; well, o ressur well, o ressur y In y swe ar as c ibed a	were use were use neing. Ji on of th C	ed from ed from ely 16 e first 24 % wat er 24 hou er 24 hou er sq. in. en firm that	the ind from	0 fee fee s was 120 ad 3/10 formation gi n available re this 24th	TOOLS US t to	ED Teet, and from "Dr 111ed ON "Dr 111ed ons gasoline per tes 1,082,2" ES John M ON OTHER SII omplete and cor HODDS, NO Place	fice for	eet tofeet B. to 6,640' with well Plastic. % was oil; 2/10 % s ly.)
Rotary Cable (Put to) The pro emulsion If gas v Rock pr Jael Hue; I hereby it so fa: Subscri	tools tools produ oduction; well, o ressur well, o ressur y In y swe ar as c ibed a	were use were use neing. Ji on of th C	ed from ed from ely 16 e first 24 % wat er 24 hou er 24 hou er sq. in. en firm that	the ind from	0 fee fee s was 130 ad 3/10 formation gin available re this 24th	TOOLS US t to	ED Teet, and from "Dr 111ed on Tr 11ed ons gasoline per se 1,082,2" ES John M ON OTHER SII omplete and con Hobbs, Ne Place Place	to 6,657' P o galions Dor which 99.5 c 60 1,000 cu. ft. of gas 70 cu.ft. dai N. Adams DE rect record of the v W Mexico Foreman	eet tofeet bet tofeet B. to 6,640' with well Plastic. % was oil; 2/10 % s ly.) , Driller mell and all work done on July 24th, 194 Date
Rotary Cable 1 Put to 1 The pro emulsion If gas v Rock pr Jaci Huo I hereby it so fa Subscri	tools tools produ oduction; well, o ressur well, o ressur y In y swe ar as c ibed a	were use were use neing. Ji on of th C	ed from ed from ely 16 e first 24 % wat er 24 hou er 24 hou er sq. in. en firm that	the ind from	0 fee fee s was 120 ad 3/10 formation gi n available re this 24th	TOOLS US t to	ED Teet, and from "Dr 111ed ons fluid of wity, Be41 ons gasoline per se 1,082,2 ES John M DN OTHER SII omplete and con Hobbs, Ne Place Name	fe to 6,657' P o galions Dor which 99.5 c 60 1,000 cu. ft. of gas 70 cu.ft. dai N. Adams DE rect record of the v W Mexico Foreman Company or Ope	eet tofeet bet tofeet B. to 6,640' with well Plastic. % was oil; 2/10 % s Ly.) , Driller mell and all work done on July 24th, 194 Date

Orig. & 2-ce to Oil Cons. Comm., Artesia, N.M. cc-Tulsa, Houston, Midland, File

FORMATION RECORD

FROM	то	THICKNESS IN FEET	FORMATION
D	85	85	Sand & Gàlishe
80	118	35	Sand
118	759	641	Red Bed
789	1080	321	Red Bed & Shale
1080	1220	140	Red Bed
1220	1325	105	Red Bed & Anhydrite
1525	2458	1155	Anhydrite & Salt
24.65	2795	337	Anhydrite
2715	2973	178	Lime
2915	3035	62	Line, Ankydrite
3035	3255	220	Lime
3215	3316	61	Lime, Anhydrite
3536	61.86	281.0	
61.55 61.55	6163	37	Lime & Shale
62.29	6229 6865	66	Lime & Shale
6263			
6531	6531	258	Line b Shale
6566	6566	35	Lime & Shale
	6657	91	Line Defiled to 6 6581 8 D and plugate back to 6 6401
			Drilled to 6,657' T.D. and plugged back to 6,640' w/ 30 gallous Dewell Plastic.
			FORMATION MARKERS
			Tep Anhydrite - 1,220'
			Top Salt - 1,540'
			Base Salt - 2,458'
			Top Yates - 2,610'
			Top Brown Line - 2,730'
		÷ -	Top Glerietta - 5,110'
			Toy Tubbs Sand - 6,140'
			Top Pay - 6,549'
			DEVIATION SURVEYS
			300' TOTCO Off 5/4 Degrees
			5881 H H O H
			8428* * * 0 *
			8700' " " 5/4 "
			8777* * * 1 *
			8984' " " 0 "
			3500' " " 0 "
			3814' " " 0 "
			4100' " " 1/4 "
			4800' " 1-3/4 "
		1	5089* " " 1-1/2 "
	1		1000' " " 0 " $1270'$ " 0 " 0 " $1674'$ " 0 " 0 " $2020'$ " 0 " 0 " $2020'$ " 0 " 0 " $2422'$ " " 0 " 2 $2700'$ " $3/4$ " 0 " $2984'$ " " 0 " 3 $2984'$ " 0 " 3 3 1 " $2984'$ " " 0 " 3 3 3 1 " 0 " $3814'$ " 0 " 1/4 " 4 4 4 1/4 " 1 - 1/2 " 6 150' " 3/4 " 3/4 " 1 - 1/2 " 1 - 1/2 " 1 - 1/2 " 3/4 <td< td=""></td<>
		DRILL STEN T	
		Hallit	246', Packer set @ 5221', chokes 5/8" top and better wrten Tool, open 2 hours, recovered 30' of eil and
		cut mu	a, 180' of sulphur water.
		1	H
-			Des', Packar set @ 5555', chokes 1" top, 5/8" bette
		Hallit	D68', Packer set & 5355', chokes 1" top, 5/8" betta wrton Tool, open 5 hours, strong blow, 600' sulphur salty, no show.

- minutes, mud in 15 minutes, distillate in 90 minutes, gas volume 1,386,000 cu. ft. pur day.
- #4 6615-6520', Packer set © 6594', choke 1" top, 5/8" bettom, Halliburton Tool, open 2 hours, 15 minutes, 200' gas out drilling mud, 210' gas out water, 1-gallon distillate, 160,000 eu. ft. gas per day.
- #5 6611-6637, Packer set @ 6611', chekes 5/8" top and botton, Halliturten Tool, open 3 hours, gas in 4 minutes, steady blue throughout, res. 289' oil and gas out water. #6 - 6592-6637, Packer set @ 6576', shokes 1" top 5/8" betton,
 - #6 6592-6537, Packer set G 6576', shokes 1" top 5/8" hettom, Halliburton Tool, opened at 5:05 FM, gas at 5:09, eil at 4:54 FM. Well made 29.70 bbls of eil im 15 hours with 351,715 ev. ft. of gas.
- #7 6518-4565, Packer set C 6518*, shoke 1/2" Johnston Tool, open 1 hour, res. 217' of drilling and.
- #8 6539-6585', Pasker set G 6516', shoke 1/2", Johnston Teol, opened tool, had gas in 20 minutes, mud 5 hrs 15 minutes, oil 5 hrs 30 minutes.

1/ Hechertan