AREA 640 ACRES

Danile of Production Stimulation

# NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

### WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

	es Product	ion Corpora	tion			State "AD'	1	******	
_			State "AD" (Lease)						
	·	in SW 1/4							
		ed		*					•
'ell is 46	6201	.feet fromN	orth	line and	1980	feet fro	m	ast.	line
Section 22-	-10S-32E	If State L	and the Oil and	Gas Lease No.	is9943				
rilling Comn	nenced. Ju	<b>l</b> y 22	, 19	52 Drilling	g was Completed.	Octobe	er 14	······	, 19 <b>5</b> 2
ame of Drilli	ing Contractor	Guy	Mahee Dril	Ling Compa	ny		••••••		
ddress		Midl	and, Texas						
levation abov	e sea level at Te	op of Tubing Hea	d. 43451		The inf	ormation giver	is to be	kept confide	ntial unti
		, 19	9						
			OIL S	SANDS OR Z	ONES				
- 1 f	Q <b>RR</b> O	to				9	to	9380	
	OROR					9339 to to to			
o. 2, from o. 3, from		to							
o. 3, from		to		100, 0	, 110111				• • • • • • • • • • • • • • • • • • • •
			IMPORT	ANT WATER	SANDS				
		inflow and eleva							
								· · · · · · · · · · · · · · · · · · ·	
	o. 2, from								
o. 3, from	-		to	<del></del>		feet	<b></b>		
. 1 £			to	Map		feet			
o. 4, irom				ASING RECO	D.D.				
o. 4, irom			CA	ASING RECO.	KD				
	WEIGHT	NEW OR		KIND OF	CUT AND	PERFORAT	IONS	PURPO	SE
SIZE	PER FOOT	USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORAT	IONS	PURPO	SE
size 13 3/E	PER FOOT	New&Used		kind of shoe Larkin	CUT AND	PERFORAT	IONS	PURPO	SE
SIZE	PER FOOT 48#&54.5# 32.3#&36#	New&Used	AMOUNT 353.2! 3455.75!	KIND OF SHOE	CUT AND PULLED FROM		ts per	ft.9880	<u>-9900!</u>
size 13 3/E 9 5/8"	PER FOOT 48#&54.5# 32.3#&36#	New&Used  New&Used	AMOUNT 353.2! 3455.75!	RIND OF SHOE Larkin Baker	CUT AND PULLED FROM		ts per	-	<u>-9900!</u>
size 13 3/E 9 5/8"	PER FOOT 48#&54.5# 32.3#&36#	New&Used  New&Used	AMOUNT  353.2!  3455.75!  9898.2!	Larkin Baker Howco	CUT AND PULLED FROM		ts per	ft.9880	<u>-9900!</u>
size 13 3/E 9 5/8"	PER FOOT  1.8 #8.54.5 #  32.3 #8.36 #  15.5,17,2	New&Used New&Used New&Used	AMOUNT  353.2! 3455.75! 9898.2!  MUDDING A	KIND OF SHOE  Larkin Baker Howco  ND CEMENT	CUT AND PULLED FROM		ts per	ft.9880 tt.9908	9900! 9913!
SIZE 13 3/E 9 5/8" 5 1/2"  SIZE OF HOLE	PER FOOT  1.8 #8.54.5 #  32.3 #8.36 #  15.5,17.2  SIZE OF CASING	New&Used New&Used New&Used New&Used WHERE	AMOUNT  353.21  3455.751  9898.21  MUDDING A  60. SACKS F CEMENT	KIND OF SHOE  Larkin Baker Howco  ND CEMENT  METHOD USED	CUT AND PULLED FROM	4 jet s of 2 jet shot	ts per	ft.9880' ft.9908'	9900! 9913!
SIZE  13 3/E  9 5/8"  5 1/2"  SIZE OF HOLE	PER FOOT  1.8 #8.54.5 #  32.3 #8.36 #  15.5,17,2  SIZE OF CASING  13.3/8"	New&Used New&Used New&Used New&Used New&Used	AMOUNT  353.21  3455.751  9898.21  MUDDING A  60. SACKS F CEMENT	KIND OF SHOE  Larkin Baker Howco  ND CEMENT  METHOD USED	CUT AND PULLED FROM		ts per	ft.9880 tt.9908	9900! 9913!
SIZE 13 3/E 9 5/8" 5 1/2"  SIZE OF HOLE	PER FOOT  1.8 #8.54.5 #  32.3 #8.36 #  15.5,17,2  SIZE OF CASING  13.3 /8"  2.5/8"  3.78"	New&Used New&Used New&Used New&Used New&Used	AMOUNT  353.21  3455.751  9898.21  MUDDING A  60. SACKS F CEMENT	KIND OF SHOE  Larkin Baker Howco  ND CEMENT  METHOD USED	CUT AND PULLED FROM		ts per	ft.9880 tt.9908	9900! 9913!
SIZE  13 3/E  9 5/8"  5 1/2"  SIZE OF HOLE  17 1/2"  12 1/4"	PER FOOT  1.8 #8.54.5 #  32.3 #8.36 #  15.5,17,2  SIZE OF CASING  13.3 /8"  2.5/8"  3.78"	New&Used New&Used New&Used New&Used New&Used	AMOUNT  353.2! 3455.75! 9898.2!  MUDDING A  60. SACKS F CEMENT  350	KIND OF SHOE  Larkin Baker Howco  ND CEMENT  METHOD USED  Plug	CUT AND PULLED FROM	4 jet s of 2 jet shot	ts per	ft.9880 ft.9908 AMOUNT OF MUD USED	9900! 9913!
SIZE  13 3/E  9 5/8"  5 1/2"  SIZE OF HOLE  17 1/2"  12 1/4"	PER FOOT  1.8 #8.54.5 #  32.3 #8.36 #  15.5,17,2  SIZE OF CASING  13.3 /8"  2.5/8"  3.78"	WHERE SET OF THE SET O	AMOUNT  353.2! 3455.75! 9898.2!  MUDDING A  60. SACKS F CEMENT  350. 844.	Larkin Baker Howco  ND CEMENT METHOD USED  Plug Plug Plug	CUT AND PULLED FROM	4 jet s ot 2 jet shot MUD	ts per	ft.9880 ft.9908 AMOUNT OF MUD USED	9900! 9913!
SIZE  13 3/E  9 5/8"  5 1/2"  SIZE OF HOLE  17 1/2"  12 1/4"	PER FOOT  1.8 #8.54.5 #  32.3 #8.36 #  15.5,17,2  SIZE OF CASING  13.3 /8"  2.5/8"  3.78"	WHERE SET OF THE PROPERTY OF T	AMOUNT  353.2! 3455.75! 9898.2!  MUDDING A  60. SACKS F CEMENT  850  844  890  ECORD OF PR	Larkin Baker Howco  ND CEMENT  METHOD USED  Plug Plug Plug	CUT AND PULLED FROM	A jet s of 2 jet shot gravity	ts per	ft.9880 ft.9908 AMOUNT OF MUD USED	9900! 9913!
SIZE  13 3/E  9 5/8" 5 1/2"  SIZE OF HOLE  17 1/2" 7 7/8"	PER FOOT  1.8 #8.54.5 #  32.3 #8.36 #  15.5,17.2  SIZE OF CASING  13.3 /8"  5.5 /8"  5.5 /8"  9.5 /8"  9.5 /8"  9.5 /8"	New&Used  New&Used  New&Used  New&Used  New&Used  New&Used  Record the Pr	AMOUNT  353.21  3455.751  9898.21  MUDDING A  60. SACKS F CEMENT  350  844  890  ECORD OF PR  occss used, No.	Larkin Baker Howco  ND CEMENT  METHOD USED  Plug Plug Plug Plug CODUCTION A	CUT AND PULLED FROM  ING RECORD  AND STIMULATION IS. used, interval	A jet s of 2 jet shot	ts per ts per	ft.9880 ft.9908 AMOUNT OF MUD USED	9900 9913
SIZE  13 3/E  9 5/8"  5 1/2"  SIZE OF HOLE  17 1/2"  12 1/4" 7 7/8"	SIZE OF CASING  13 3/8"  5 1/2"  Well was	WHERE SET OF THE PROPERTY OF T	AMOUNT  353.21  3455.751  9898.21  MUDDING A  TO, SACKS F CEMENT  350  344  390  ECORD OF PR  ocess used, No.	Larkin Baker Howco  ND CEMENT METHOD USED  Plug Plug Plug CODUCTION A of Qts. or Gal	CUT AND PULLED FROM  ING RECORD  AND STIMULATION IS. used, interval	A jet s of 2 jet shot	ts per ts per	ft.9880 ft.9908 AMOUNT OF MUD USED	9900 9913

As results of acidizing this well, the production increased from

#### OORD OF DRILL-STEM AND SPECIAL TES

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and estach hereto.

#### TOOLS USED

Datama Asala	1.6	13.001			_									
Rotary tools were used from 0 feet to 9916 feet, and from feet to feet														
Cable tools were used fromfeet tofeet, and fromfeet tofeet.														
		PRODU												
Put to Producing	· · · · · · · · · · · · · · · · · · ·	0-23 tial Test 5												
OH WELL, The	Poten	tial Test 5	l	_			GQ ()							
		on during the firs comours was 453												
was	oil;	- % was emulsion;		.% water	; and	······ %	was sediment, A.P.I.							
Grav	vi <b>ty</b> .	44 <b>.5</b>	lated 24	hr. I	otenti	al 2174 bbl	3•							
GAS WELL: The	production	on during the first 24 hours was	l	M.C.F. pl	us		barrels of							
liqui	id Hydrod	carbon. Shut in Pressure												
Length of Time Sh	ut in	-												
PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):														
		Southeastern New Mexico  1565  T. Devonian9	enet				1 New Mexico							
		T. Silurian					d							
		T. Montoya				-								
~		T. Gr. Wash												
		3404 T. Granite												
		4801' T.												
i i an constitution		5372 <sub>T.</sub>												
T. Rucksc		6 <b>198</b> T.												
T. Abo		7040 8012					***************************************							
T. Penn		89.12 85-98 T					***************************************							
T. Miss		9532 T												
		FORMATIO	N RECO	RD										
From To	Thickness	Formation	From	То	Thickness									
	in Feet			10	in Feet	r c	ormation							
0 40 40 1130	40 1090	Surface, Sand & Caliche Red Bed	7583	7625	42	Shale								
1130   1394	264	Red Bed and Shale	7625 76 <b>45</b>	764 <b>5</b> 7690	20 <b>45</b>	Shale & rin Shale	ne .							
1394   1537	143	Red Bed	7690	7846	156	Lime & :1 1	Le							
1537   1588	51	Anhydrite	7846	7935	89	Line								
1588   2015	427	Anhydrite & Salt Stks	7935	7940	5	Line and J	ne <b>rt</b>							
20 <b>1</b> 5 2352	270 6 <b>7</b>	Salt, Anhydrite & shells Anhydrite	7940	7963	28	line								
2352 2674	322	Anhydrite & Salt Stks	7968 79 <b>86</b>	7986 8339	18 3 <b>53</b>	Lime and 31	ne <b>rt</b>							
	679	Anhydrite	8339	8389	50	Line and A	ra <b>le</b>							
	67	Anhydrite & Lime	8389	8586	197	Line								
	2480	Line	8586	8 <b>6</b> 0	17	Sha <b>le</b>								
5900 5950	50 60	idiae a <b>n</b> d Sa <b>nd</b>	8603	6 <b>6</b> 36	<b>3</b> 3	Lime, Shale								
5950   6010   6010   6010	60 142	Lime Lime and Shale	8 <b>636</b>	3657	21	Lime and A								
6152 6277	125	Lime	86 <b>57</b> 8 <b>68</b> 8	8 <b>68</b> 8 9 <b>5</b> 87	3 <b>1</b> 899	Lime, Shale								
6277 6421	144	Lime and Shale	9587	9601	14	Line & Cher								
6421 7006	585	iine	9601	9827	226	Lime & Shal								
7006 7060	54	Lime and Shale	9827	<b>y8</b> 35	8	Lime, Shale	& Chert							
;	20 15	Shale Lime and Shale	9835	9853	18	Lime and sh	nale							
7095 7487	392	Smale	9853	9916	63	Lime								
7487 7507	20	Shale and Lime												
7 <b>5</b> 07 75 <b>5</b> 4	47	Shale												
7 <b>55</b> 4 7583	2 <b>9</b>	Lime and Shale												

# ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

#### DST #1

Ran DST #1 8010-8060' (50') to test lower Abo.
Tool open 12 hrs. Very weak blow of air for 10 minutes. Recevered 40' of drilling fluid slightly gas cut. IFP 0#, FFP 0#, 20 min SIP 0#, MCP 4175#.

#### DST #2

Ran DST #2 (8198'-8263') (65') tested Wolf-camp. 1" TC, 5/8" BG. Tool open l2 hrs and closed 20 min for BU. Air to surface immediately and had weak blow for 15 minutes and died. Reopened tool to be sure it was not plugged. Recovered 10' drilling fluid. Flowing pressures 0#. MCP 3875#.

#### DST #3

Ran DST #3, tested Welfcamp (8328-8400) 72', 1" TC, 5/8" BC. Tool open 3 hrs and closed 30 min for build up. Gas to surface 8 min., good blow throughout test. Recovered 2600' fluid, 30' oil and gas cut drilling fluid, 2300' clean oil (25 bbls) 270' heavy oil and gas cut drilling fluid. IFP 75#, FFP 500#, 30 min SIP 2025#. MCP 4375#. Gravity 44 deg.

#### DST #4

Ran DST #4 from 8398' to 8430' (32') 1" TC, 5/8" BC, Tool open 3 hours and closed 30 min for BU, good blow of air. Recovered 60' of gas cut drilling fluid. IFP 0#, FFP 0#, 30 min SIP 625#, MCP 4550#.

#### DST #5

Ran DST #5. Tested (8400 to 8450') (50').Tool open 2 hours and closed 30 min for BU. 1" TC, 5/8" BC. Faint blow air at start, increased to weak blow for rest of test. Recovered 95' of gas cut drilling fluid. IFP O#, FFP O#, 30 min SI 625#, MCP 4550#.

#### DST #6

Ran DST #6 tested 8450'-8525' (75'). Tool open 3 hours and closed 30 min for BU. 1" TC, 5/8" BC, fair blow air throughout test. Recovered 360' of gas cut drilling fluid. IFP 0#, 30 min SIP 725#, MCP 4325#.

#### DST #7

Ran DST #7. Tested Pennsylvanian (9290 to 9324) 34'. Teel open 3 hours and closed 30 min for BU. 1" TC, 5/8" BC. Gas to surface 17 min and had a small blow throughout test. Gas sweet. Recovered 2350' fluid, 200' of heavily oil and gas cut drilling fluid, 2150' clean eil (23.4 bbls.). IFP 175#, FFP 425#, 30 min SIP 2775#, MCP 4900#. Oil Gravity 44.2 deg.

#### DST #8

Ran DST #8. Tested Pennsylvanian 9290 to 9340' (50') tool open 3 hours and closed 30 min for BU. 1" TC, 5/8" BC. Gas to surface with weak blow in 12 min increased to good blow and continued throughout test. Recovered 1300' (11.2 bbls) oil cut 10% with drilling fluid. IFP 1650#, FFP 950#, 30 min 8I 2350#, MCP 4825#.

#### DST #9

Ran DST #9. Tested Penn. (9339' to 9380')
41'. Tool open 4 hrs & closed 30 min for
BU. Gas to surface five minutes with good
blow and died in 3 hrs. Recovered 7500'
fluid 7200' of clean eil (77.7 bbls) grav.
45.4, 300' heavy eil and gas cut drilling
fluid. IFP 350#,FFP 1200#,30 min SIP 2640#,
MCP 4900#.

#### DST #10

Ran DST #10 9765-9812 (47'). Teel open 3 hours SI 30 min for BU. 1" TC 5/8" BC. Air immediately, gas 2 hrs. 35 min. Weak blow throughout test. Recevered 1700' fluid as follows: 1160' clean oil, 330' sulphur & salt water, 210' oil and gas cut mud. Water titrated 92000 PPM IFP 0#, FFP 450#, SI 3725#, oil gravity 44.7 deg.

#### DST #11

Ran DST #11. Tested Devonian (9808 to 9835') 27'. 1" TC, 5/8" BC. Tool open 3 hrs. and closed 30 min for BU. Gas to surface 1 hr 45 min, weak blow at start increased to good blow in 15 min and decreased to very weak blow after 2½ hrs. Recovered 6400' of fluid 6130' (67 bbls) of clean oil, 270' of drilling fluid with heavy cut of oil & gas. IFP 0#, FFP 2000#, 30 min SIP 3750#, MCP 5000#. Gravity 44.3.

#### DST #12

Ran DST #12.Tested Devonian (9835' to 9860') 25'. 1" TC, 5/8" BC. Tool open 4 hrs.Gas to surface 25 min, eil 40 min. Flowed in tank 4 hrs. produced 329 bbls eil cut 2/10%. 1st hr, 79 bbls, 2nd hr. 88 bbls, 3rd hr. 77 bbls, 4th hr 85 bbls. Gravity 44.4 deg. GOR 21 cu ft/bbl. IFP 1250#, FFP 3500#, 30 min SIP 3725#, MCP 4925#.

#### DST #13

Tried to run DST #13 from 9898' to 9913' (15'), but tool plugged immediately with lost circulation material.

#### DST #14

Tried to run DST #14 from 9898' to 9913' (15'), but tool plugged again with lest circulation material.

tar of a state of (102) to seek water theo. con one in the grant of the for bieff sail in to the terrores. . asomi . Similar of the second of the s

the state of the s

A control of the cont தே நெரு பிற அமையை ஒர் இரைத் பொருந்தி prisole . Are prising 136 decreases . Say a

## F.

comments to the set of the constant of the con

#### 보 . 기

The transport of the property of the contract 41 312 625 , 19 4550x.

#### A market

Lower (ton) (terms of man) have the contract and the second of the second o The state purchase were Control of the Contro

AND WELL COMES AND LOSS SERVICE TO PARTY 

#### سرابرا يتنكن

and the control of th A. E. J. Also normale to the fall of the file of the f

#### Control of the first of

of the actoristics of boses in the state of Ju da for he. It if Sit of. her or hopfice the week tion in it is not anomer or ្សីកាម្ព័ ជាស្រាញ់នេះ នៅទី ៩. ខណៈសមាន ១០១១ ម**១**៤២ ខេត្ត នៅ The drow to be the beat the at the configer et i centralia (1944), ana (1958), ana iskula 20 an **b**a 23**5**0,, no (1969).

#### With Character Street, or

A TORREST OF THE PROPERTY OF T now mi top essents to mora a secondoca. Jaw .. er e arface inte minat a vist gord olor and alsa in 3 are. Recovered 15600 That (Man 1.77) Ito reste to they ability 15.4, 1961 ha.vy 11: 1an jes out mu ding findd. 12: 150, 17: 10: 10: 30 min di' 26ai 34 . 44.**0**06 700

#### 

Come St St san for G. 10 To The Co. dr immediately, gos d hrs. 35 man. hest low trroughout tess. Tecovered 27001 limic runging 1007 (ille and a tobil saughter as 5 2035 maker, 210' oir or out awa. .geb T. to others its , King i

### II .

has to die Tebled esament (1808 of etti)
one of the of the statement of the end
closed a min for d. the to marines int
if what were the transfered to
coor birs that a court section very Team pion often in his. seconded obtained in a finite of the color of the color of the order of the color of the colors of the c THE O , FOR ALLOWS, IN THE ALL STEEDS OF 50 Kg. 20 1 , 46.3.

#### Personal of the same

white tee our an first in good grif pro se into o se justo grif estimu od bank a hre. producem 32) bole oil out 7/10%. is, Mr. 7, 1 is, 2nd cr. 'S bbis. brd br. on and planer and the end of the con-મારા ૧૧ કેના ઉદ્યુવિકાર કરા પ્રાથમિક તેને ૧૦ લાક · 2014 Sa. (1847) the san

'CIPP of 1878; .... (19 % mon of no hal 1514, but took plagged in secretary with Lost of Particular to Westled.

#### 1

"LERK on I when your stay, I'm your on point Jud. Hade not . S. south food the . (1811)