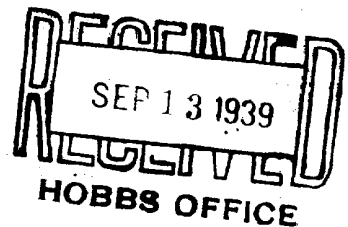


## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

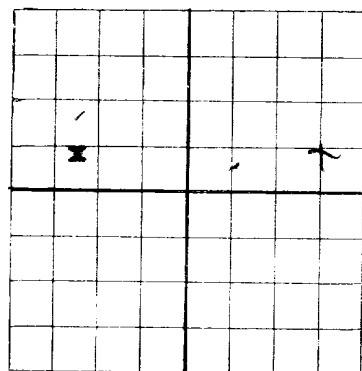


Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

DUPLICATE

Allen, Fair &amp; Pope

P.O. Box 516, Artesia, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

State 29 E Company or Operator Allen, Fair & Pope Well No. 4 A in SE 1/4 of Sec. 36 Address 17 S  
2310 N. M. P. M. Loce Hills Field, Eddy County.  
 Well is 1650 feet south of the North line and B-2023 feet west of the East line of NW of Sec 36, 17S 29E  
 If State land the oil and gas lease is No. 5 Assignment No. 5  
 If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
 If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
 The Lessee is June 21st Address Sept 9-  
 Drilling commenced 1939 Drilling was completed 1939  
 Name of drilling contractor C. C. Dodson Address Artesia, New Mexico, Artesia Hotel  
 Elevation above sea level at top of casing 3561' feet.  
 The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 3026 to 3060 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 3296 to 3252 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from none to \_\_\_\_\_ feet.  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
<u>8 1/2"</u>	<u>28#</u>	<u>11 8</u>	<u>Nat'l</u>	<u>484'</u>	<u>Plain</u>				
<u>7" O.D.</u>	<u>22#</u>	<u>10</u>	<u>Y'town</u>	<u>2541'</u>	<u>Hallib.</u>				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>10"</u>	<u>8 1/2"</u>	<u>484'</u>	<u>50</u>	<u>Halliburton</u>	<u>Heavy</u>	<u>3 Tons</u>
<u>8 1/2"</u>	<u>7" O.D.</u>	<u>2541'</u>	<u>100</u>	<u>"</u>	<u>"</u>	<u>3 Tons</u>

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
<u>4 1/2"</u>	<u>Tin</u>	<u>Nitro</u>	<u>150 lbs</u>	<u>8-22-39</u>	<u>3196-3252</u>	<u>To Bottom</u>
		<u>Acid</u>	<u>3000 Gal</u>	<u>8-31-39</u>	<u>3026-3252</u>	<u>" "</u>

Nitro shot did not increase oil however increased gas  
 Results of shooting or chemical treatment some. Acid treatment increased oil production slightly, tested 100 bbls 24 hour swabbing test after shot and acid.

## RECORD OF DRILL-STEM AND SPECIAL TESTS

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

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from 0 feet to 3252 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing 9-9-39 39  
 The production of the first 24 hours was 100 barrels of fluid of which 100 % was oil, 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

G.C. Hill Driller Geo. Combs Driller  
Vernon Lane Driller \_\_\_\_\_ Driller

## FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 11th Artesia, New Mexico Sept 11, 1939  
 day of September 1939 Name Barbara Allwood Position Secretary

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	70	70	Shale & Sand
70	160	90	Shale & Sand
160	200	40	Sand
200	240	40	Red Clay & Anhy
240	260	20	Sand
260	300	40	Anhy
300	420	120	Anhy & Shale
420	445	25	Red Shale
445	470	25	Anhy
470	475	5	Potash
475	575	100	Salt
575	720	145	Salt & Anhy
720	760	40	Salt
760	775	15	Anhy.
775	790	15	Salt
790	930	140	Salt & Anhy
930	980	50	Anhy & Shale
980	1115	135	Anhy
1115	1125	10	Anhy & Brown shale
1125	1175	50	Anhy & Shale
1175	1215	40	Anhy
1215	1225	10	Red Shale
1225	1280	55	Anhy
1280	1290	10	Sand
1290	1590	300	Anhy
1590	1620	30	Anhy & Lime
1620	1680	60	Anhy
1680	1695	15	Lime
1695	1740	45	Anhy
1740	1745	5	Lime
1745	1790	45	Anhy
1790	1817	27	Anhy & Lime
1817	1825	8	Red Red
1825	1850	25	Anhy
1850	1920	70	Anhy & Shale
1920	2005	85	Anhy
2005	2035	30	Anhy & Lime
2035	2110	75	Anhy
2110	2120	10	Anhy & Shale
2120	2130	10	Anhy
2130	2155	25	Red Sand
2155	2165	10	Anhy
2165	2170	5	Black Lime
2170	2260	90	Anhy
2260	2295	35	Grey Lime
2295	2375	80	Anhy
2375	2385	10	Sand
2385	2425	40	Anhy
2425	2430	5	Red Shale
2430	2460	30	Anhy
2460	2475	15	Grey Lime
2475	2480	5	Brown Lime & Shale
2480	2490	10	Anhy
2490	2500	10	Lime
2500	2517	17	Anhy & Red Sandy Shale
2517	2520	3	Sand
2520	2625	105	Lime
2625	2631	6	Lime, sandy
2631	2678	47	Lime
2678	2685	7	Sandy Lime
2685	2715	32	Lime
2715	2728	13	Sandy Lime
2728	2906	178	Lime
2906	2915	9	Brown Lime
2915	2940	25	Brown Lime
2940	2947	7	Brown sandy Lime
2947	2954	7	Brown Sandy Lime
2954	2959	5	Anhy
2959	3026	67	Grey Lime
3026	3060	34	Lime-Shew of Oil & Gas
3060	3098	38	Grey Lime
3098	3114	16	Brown Lime
3114	3200	86	Grey Lime
3200	3252	52	Grey Lime-Oil & Gas increasing steadily from 3200 to 3252- 2000' of oil in hole when bottomed at 3252 total depth of hole.

Ran schlumberger to bottom hole showing good indications oil & gas from 3200 to 3252.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELL

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-offs, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	<input checked="" type="checkbox"/>	REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Artesia, New Mexico

Sept 9, 1939

Place

Date

OIL CONSERVATION COMMISSION,

Santa Fe, New Mexico.

Gentlemen:

DUPLICATE

Following is a report on the work done and the results obtained under the heading noted above at the

Allen, Fair & Pope State Well No. 4 A in the  
 Company or Operator Lease  
SESWY of Sec. 36, T. 17 South, R. 29 East, N. M. P. M.,  
Loce Hills Field, Eddy County

The dates of this work were as follows: August 31st, 1939

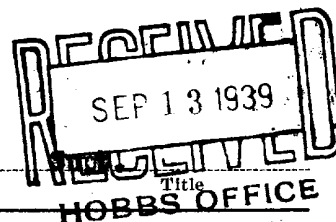
Notice of intention to do the work was (was ~~not~~) submitted on Form C-102 on August 29th, 1939 19  
 and approval of the proposed plan was (was not) obtained. (Cross out incorrect words)

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Acidized with 3000 gallons of acid at 4 P.M. August 31st, 1939, using Dowell Chemical Co equipment and after acidizing immediately started swabbing through tubing.

The acidization seemed to increase the production very little however well made 100 bbls 24 hour swabbing test.

Witnessed by W. A. Hammond Friendship Oil Corp  
 Name Company

Subscribed and sworn to before me this 9th

I hereby swear or affirm that the information given above is true and correct.

day of September, 1939Name Cam BeyerBarbara A. WoodPosition Secretary

Notary Public

Representing Allen, Fair & Pope  
Company or OperatorMy Commission expires May 31st, 1941Address Box 516, Artesia, New Mexico

Remarks:

Roy Garbrough  
 Name  
 OIL & GAS INSPECTOR  
 Title

