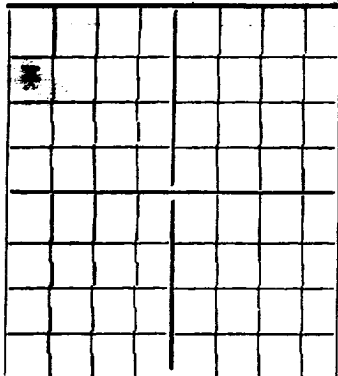


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## WELL RECORD

RECEIVED  
OCT 18 1943  
HOBBBS OFFICE

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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Paul B. English,

Artesia, New Mexico,

State 1 Company or Operator 1 in 30 of Sec. 17-3, T. 17-3  
Lease 51-E Well No. 1 in 30 of Sec. 17-3, T. 17-3  
R. 51-E, N. M. P. M., Edgburg Field, Eddy County.  
Well is 1,900 feet south of the North line and 515 feet west of the East line of Section 30  
If State land the oil and gas lease is No. 5-3629 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is Marshall & Winston, Inc., Address Roswell, New Mexico.  
Drilling commenced April 10, 1943 Drilling was completed July 16, 1943  
Name of drilling contractor Paul B. English, Address Artesia, New Mexico.  
Elevation above sea level at top of casing \_\_\_\_\_ feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 1,675' to 1,680' Gas No. 4, from 3,240' to 3,300' Oil.  
No. 2, from 2,025' to 2,040' Oil No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 3,200' to 3,245' Oil 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 305' to 315' - Water. 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 1/2</u>	<u>8</u>	<u>J.H.</u>	<u>2,927'</u>				
<u>5 1/2"</u>	<u>15 1/2</u>	<u>10</u>	<u>"</u>	<u>2,927'</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>497'</u>	<u>25</u>	<u>Ballston</u>		
<u>8 1/2"</u>	<u>5 1/2"</u>	<u>2,927'</u>	<u>100</u>	<u>"</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>Nitro</u>			<u>3,305' to</u>	<u>Cleaned out to</u>
		<u>Glycerin</u>	<u>200-qts.</u>		<u>3,305 Ft.</u>	<u>bottom of hole.</u>

Results of shooting or chemical treatment After cleaning out after shot oil increased from  
10 to 25 - barrels per day.

## 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 xxxxxx feet to 3,336' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 3,336' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Is not on production as yet,

Put to producing \_\_\_\_\_, 19\_\_\_\_.

The production of the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % 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

H. R. English, Driller Ramon English, Driller  
M. K. Clark, 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.

Artesia, New Mexico,

Place

Date

Subscribed and sworn to before me this 12day of October, 1943Name P.B. English

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30	30	Sand
30	60	30	Sand and Gypsum
60	75	15	Red Bed
75	160	85	Red Bed
160	210	50	Red Bed
210	260	50	Red Bed and Blue Shale
260	305	45	Sandy Red Bed
305	315	10	Sand
315	335	20	Sand
335	362	27	Red Bed
362	405	43	Anhydrite
405	410	5	Doly.
410	450	40	Anhydrite
450	460	10	"
460	485	25	"
485	490	5	Salt
490	497	7	Anhydrite
497	1,290	793	Salt
1,290	1,340	50	Anhydrite
1,340	14,40	100	"
1,440	1,495	55	"
1,495	1,530	35	Anhy. and Sandy Red Bed
1,530	1,580	50	Anhydrite
1,580	1,665	85	Anhydrite and Red Bed
1,665	1,680	15	Broken Anhydrite and Black Sand - Little gas 75-80
1,680	1,715	35	Anhydrite
1,715	1,750	35	Anhydrite and Shale
1,750	1,795	45	Anhydrite
1,795	1,820	25	Anhydrite and Red Bed
1,820	1,845	25	Anhydrite
1,845	1,885	40	Anhydrite and Lime
1,885	1,900	15	Anhydrite
1,900	1,915	15	Broken Lime
1,915	1,925	10	Anhydrite
1,925	1,965	40	Anhydrite and Lime
1,965	1,985	20	Brown Lime and Anhydrite
1,985	2,025	40	Anhydrite and Lime
2,025	2,040	15	Brown Lime - show of oil - 10 bbls. per day.
2,040	2,045	5	Anhydrite
2,045	2,125	80	Anhydrite and Lime
2,125	2,145	20	Anhydrite
2,145	2,165	20	Anhydrite and Sandy Lime
2,165	2,213	48	Anhydrite
2,213	2,270	57	Anhydrite and Shale
2,270	2,275	5	Anhydrite and Red Shale
2,275	2,285	10	Red Sandy Shale
2,285	3,185	900	White Lime
3,185	3,191	6	White Lime
3,191	3,203	12	Gray Sandy Shale
3,203	3,210	7	White Lime - show of oil.
3,210	3,215	5	White Sandy Lime - free oil in hole
3,215	3,220	5	Sharp Gray Sandy Lime
3,220	3,227	7	White Sandy Lime
3,227	3,242	15	White Sand
3,242	3,245	3	Gray Sandy Lime
3,245	3,260	15	Gray Lime
3,260	3,265	5	Gray Sand - show of oil - free oil.
3,265	3,275	10	Gray Lime
3,275	3,277	2	Gray Lime
3,277	3,294	17'	Sand
3,294	3,300	6	Gray Lime
3,300	3,312	12	Pink Lime
3,312	3,316	4	White Sandy Lime
3,316	3,320	4	Gray Sandy Lime, some red sand.
3,320	3,330	10	Sandy Gray Lime.
3,330	3,336	6	Gray Sandy Lime ( T. D. )

Shot with 200 - Qts. from 3,203' to 3,305'  
Cleaned out to bottom - makes 25 barrels.