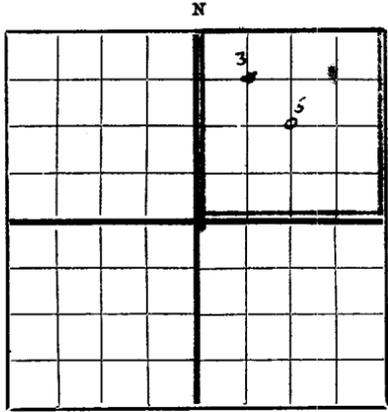


UNPAID

1948
RECEIVED
MOBBS OFFICE

FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Sun Oil Company, Box 2880, Dallas 1, Texas
Company or Operator Address
H. D. McKinley Well No. **5** in **NE/4** of Sec. **5**, T. **19S**
Lease
R. 38E, N. M. P. M. **Bowers** Field, **Lea** County.
Well is **610** feet south of the North line and **660** feet ~~West~~ ^{East} of the ~~East~~ ^{West} line **8 1/2** SE of Well **#3**.
If State land the oil and gas lease is No. **-** Assignment No. **-**
If patented land the owner is **H. D. McKinley** Address **Sterling City, Texas**
If Government land the permittee is **-** Address **-**
The Lessee is **Sun Oil Company** Address **Box 2880, Dallas 1, Texas**
Drilling commenced **9/2/48** 19 **-** Drilling was completed **9/20/48** 19 **-**
Name of drilling contractor **Arrow Drilling Company** Address **Philtower Bldg., Tulsa, Okla.**
Elevation above sea level at top of casing **3624** feet.
The information given is to be kept confidential until **-** 19 **-**

OIL SANDS OR ZONES

No. 1, from **(Bowers) 3156** to **3166** No. 4, from **-** to **-**
No. 2, from **(Bowers) 3192** to **3204** 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 **25'** to **145'** 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		PURPOSE
							FROM	TO	
9 5/8"	32.30	8-R	H-40 SS	280.50	Larkin Texas Pattern	-	-	-	Surf. casing
7"	23	8-R	Smith	3104.01	Larkin Guide Shoe & Float Collar	-	-	-	Oil string
2" EUE	4.70	8-R	J-55 SS	3195.23	-	-	-	-	Tubing
									(Incl. perf. nipple and seating nipple)

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4"	9 5/8"	291.80	150 reg.	Howee.	MW 9.5	-
8 3/4"	7"	3112.11	625 reg. & 25 gal. added	"	MW 10.4	-
	2" EUE	3202.57	-	-	-	-

(Incl. perf. nipple and seating nipple)

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
		none				

Results of shooting or chemical treatment **-**

RECORD OF DRILL-STEM AND SPECIAL TESTS **none**

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 **0** feet to **3210 (Lane Well) and 75 9212** feet to **-** feet
Cable tools were used from **-** feet to **-** feet, and from **-** feet to **-** feet

PRODUCTION

Put to producing **9/29/48**, 19 **-**
The production of the first 24 hours was **47.25** barrels of fluid of which **100** % was oil; **-** % emulsion; **-** % water; and **-** % sediment. Gravity, Be. **Corr. Grav. 40.7, GOR 777/1**
If gas well, cu. ft. per 24 hours **-** Gallons gasoline per 1,000 cu. ft. of gas **-**
Rock pressure, lbs. per sq. in. **-**

EMPLOYEES

V. N. Worley, Driller **C. J. Bryce**, Driller
L. H. Holbrook, 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 **30** day of **September**, 19 **48** at **Odessa, Texas** Place **9-30-48** Date
Annie Mae Idei Name **O. D. Albright** Position **Superintendent**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	880	880	Red bed
880	1220	340	Red bed and shale
1220	1472	252	Red bed and anhydrite
1472	1554	82	Anhydrite
1554	1851	297	Red bed and anhydrite
1851	2593	742	Anhydrite and salt
2593	2738	145	Anhydrite
2738	2775	37	Anhydrite and gyp
2775	2805	30	Anhydrite
2805	2880	75	Anhydrite and gyp
2880	3117	237	anhydrite and lime
3117	3120	3	Lime

PLACE Odessa, Texas

DATE 9/29/48

Mr. C.G. Staley
Proration Umpire
Hobbs, N.M.

Dear Sir:

We have completed H. D. McKinley, Well #5

LOCATION 610 feet S of N line; 660 feet E of W line; Sec. 5, Township 19S Range 38E

DATE STARTED 9/2/48
DATE COMPLETED 9/29/48
ELEVATION 3624
TOTAL DEPTH S.L. Lane-Wells 3212 (Co., 3210')
Rotary Tools - 3210

CASING RECORD

SIZE <u>9 5/8"</u>	DEPTH <u>891.80 (seat)</u>	SIX CEMENT <u>150 rag.</u>
SIZE <u>7"</u>	DEPTH <u>3112.11 (seat)</u>	SIX CEMENT <u>625 plus 2 1/2 gal.</u>
SIZE _____	DEPTH _____	SIX CEMENT _____

TUBING RECORD

SIZE <u>2" EUE</u>	DEPTH <u>3202.57 (Incl. seating nipple and perf. nipple)</u>
PACKER _____	ACIDIZED <u>none</u>
_____	_____
_____	_____

FORMATION TOPS

Anhydrite 252
Salt Top 2000'
Salt Base 2120'
Brown Line 0/800'
White Line 3012
Pay Oil 3156/3164-3192/3204
Water 25'/145'

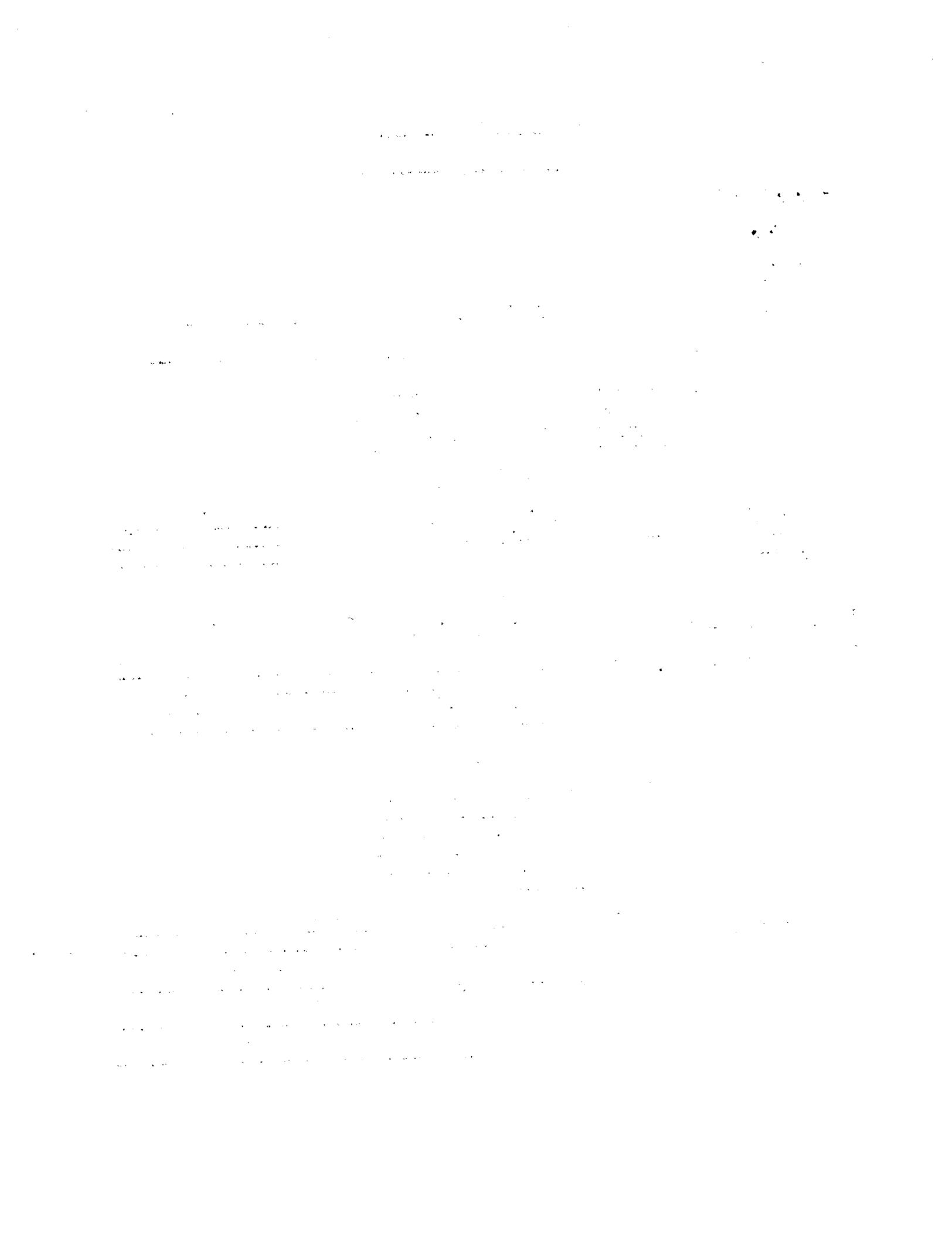
INITIAL PRODUCTION TEST 20.00 oil, 9/24/48, Pumping - yes
TEST AFTER SHOT OR ACID not shot or acidized

Initial Gas Volume CPS 350, CPE 165, TPS 0, TPE 12, GOR 777/1, Corr. Grav. 40.7
DATE WELL IS TO GO ON SCHEDULE Prod. 47.25 bbls. oil on 24 hr. Pot. 9/29/48

Pipe Line Taking Oil - Atlantic Refining Co.

COMPANY: Sun Oil Company

BY: O. D. Albright



SIZES

$3/4^{\circ}$	265
$3/4$	500
$1/2$	750
$1/2$	1000
1	1250
1	1450
$1\ 3/4$	1700
$1\ 1/2$	1906
$1\ 1/2$	2050
$1\ 3/4$	2300
$1\ 3/4$	2525
$1\ 1/2$	2760
$3/4$	2800