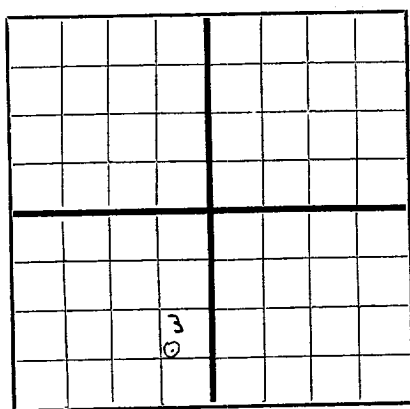
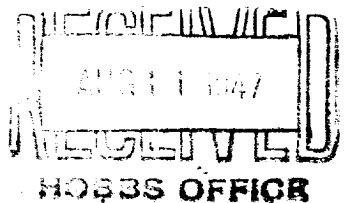


AREA 640 ACRES
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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

Amerada Petroleum Corporation **Drawer B, Monument, New Mexico**
Company or Operator Address
E. W. Walden Well No. **3** in **SE 1/4 SW 1/4** of Sec. **15**, T. **22S**
Lease
R. **37E**, N. M. P. M. **Artesian** Field, **Lea** County.
Well is **4551'** feet south of the North line and **3227'** feet west of the East line of **Sec. 15-22S-37E**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is **Amerada Petroleum Corporation** Address **Box 2040, Tulsa 2, Oklahoma**
Drilling commenced **May 15,** 19 **47** Drilling was completed **August 5,** 19 **47**
Name of drilling contractor **Ronan Drilling Company** Address **Ft. Worth, Texas**
Elevation above sea level at top of casing **3382'** feet.
The information given is to be kept confidential until **Not Confidential** 19

OIL SANDS OR ZONES

No. 1, from **7700'** to **7868'** No. 4, from to
No. 2, from to 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 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		PURPOSE
							FROM	TO	
13-3/8"	36#	Slip Joint	Artesian	177'	Regular				
8-5/8"	32#	10-T	Sals.	2753'	Float Shoe				
5-1/2"	17#	8-R	Sals.	7875'	Float Shoe		7700'	7868'	Make Oil Well

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	177'	200	Halliburton		
11"	8-5/8"	2753'	1200	Halliburton		
7-7/8"	5-1/2"	7875'	650	Halliburton		

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
		Western Mud Acid	500 gals.	8-5-47	7700'-7868'	

Results of shooting or chemical treatment **Pulled swab four times and well kicked off. In 17 1/2 hours well flowed 677.54 bbls. oil on 1/2" positive choke. 2/1000, no water. Gravity 41.5 corr. Gas volume 836,500 cu. ft. per day. Gas-Oil Ratio 900.**

RECORD OF DRILL-STEM AND SPECIAL TESTS

See attached sheet, **Ben Schlumberger Survey**.
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 **7875'** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **August 5, 1947**, 19
The production of the first **17 1/2** hours was **677.54** barrels of fluid of which **100** % was oil; % emulsion; % water; and % sediment. Gravity, Be. **41.5**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

J. H. Bowen, Driller **Floyd Barnes**, Driller
Driller

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	90'	90'	Surface
90'	185'	95'	Surface
185'	314'	129'	Sand & Clay
314'	964'	650'	Red Bed & Red Rock
964'	1115'	151'	Red Bed
1115'	1250'	135'	Red Bed & Gyp
1250'	1485'	235'	Salt & Anhydrite Shells
1485'	1870'	385'	Salt & Anhydrite Streaks
1870'	2439'	569'	Salt & Anhydrite
2439'	2529'	90'	Anhydrite
2529'	2683'	154'	Anhydrite & Gypsum
2683'	2750'	67'	Anhydrite
2750'	2760'	10'	Anhydrite & Gypsum
2760'	2827'	67'	Anhydrite
2827'	2902'	75'	Anhydrite & Gypsum
2902'	2967'	65'	Anhydrite & Lime
2967'	2993'	26'	Lime & Anhydrite
2993'	3052'	59'	Lime & Gypsum
3052'	3196'	144'	Lime & Anhydrite
3196'	3272'	76'	Lime & Gypsum
3272'	3363'	91'	Lime & Anhydrite
3363'	3502'	139'	Lime & Shale
3502'	5146'	1644'	Lime
5146'	5186'	40'	Lime
5186'	5332'	146'	Lime
5332'	5360'	28'	Gray Lime w/Brown Streaks
5360'	5981'	621'	Lime
5981'	7145'	1164'	Lime
7145'	7158'	13'	Lime & Shale
7158'	7309'	151'	Lime
7309'	7357'	48'	Lime & Shale
7357'	7391'	34'	Shale & Lime
7391'	7406'	15'	Sandy Lime & Shale
7406'	7448'	42'	Shale, Sand & Lime
7448'	7539'	91'	Shale & Lime
7539'	7549'	10'	Shale & Sandy Lime
7549'	7732'	183'	Lime & Shale
7732'	7836'	104'	Lime
7836'	7871'	35'	Lime & Shale
7871'	7875'	4'	Granite
7875'			Total Depth
7872'			Drilled Out Depth

SLOPE TESTS

180'	Straight
690'	Straight
1080'	Straight
1590'	Straight
2260'	1 degree
2520'	No good
3694'	Straight
4269'	Straight
4700'	Straight
5592'	Straight
5960'	Straight
6588'	Straight

GEOLOGICAL TOPS

Elevation Derrick Floor	3393'
Elevation Ground	3382'
Top of Anhydrite	1120'
Top of Salt	1210'
Base of Salt	2425'
Top of Yates	2590'
Top of Glorietta	5060'
Top of Tubbs	5980'
Base of Permian	7275'
Top of Simpson	7330'
Top of Ellenberger	7700'
Top of Granite	7868'
Total Depth	7875'
Drilled Out Depth	7872'