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

Skelly Oil Company **Hobbs, New Mexico**
Company or Operator Address
Baker "B" Well No. **4** **C SW SE** of Sec. **10**, T. **22S**
Lease
R. **37E** N. M. P. M. **Paddock** Field, **Lee** County.
Well is **4420** feet south of the North line and **1980** feet west of the East line of **Section 10**
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is **A. B. Baker** Address **Sanlee, New Mexico**
If Government land the permittee is _____ Address _____
The Lessee is **Skelly Oil Company** Address **Tulsa, Oklahoma**
Drilling commenced **May 16** 19 **46** Drilling was completed **June 20** 19 **46**
Name of drilling contractor **Hakin Drilling Company** Address **Hobbs, New Mexico**
Elevation above sea level at top of casing **5406' DF** feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **5138'** to **5148'** 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	No	S.W. 287'0"	Float					
8-5/8"	28	SR	S.S. 2819'0"	"					
5-1/2"	17	SR	S.S. 5137'	"			5138'	5148'	Pay Zone

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16"	13-3/8"	280'	280	Kaliburton		
16"	8-5/8"	2815'	1600	"		
7 1/2"	5-1/2"	5138'	480	"		

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
		Hyd Acid	500 Gals.	6/26/46	5138' - 5148'	
		15% Acid	1000 Gals.	6/27/46	5138' - 5148'	

Results of shooting or chemical treatment **Increased oil from slight show to 408 bbls. 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 **Top** feet to **5160** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **June 27** 19 **46**
The production of the first 24 hours was **408** barrels of fluid of which **98** % was oil; _____ % emulsion; **2** % 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

L. A. Conner Driller _____ Driller
Ray Fairchild 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 **25th**
day of **July** 19 **46**
J. J. Holladay
Notary Public
My Commission expires **April 22, 1950**
My Commission expires _____

Hobbs, New Mexico July 25, 1946
Place Date
Name **J. J. Holladay**
Position **District Superintendent**
Representing **Skelly Oil Company**
Company or Operator
Address **Hobbs, New Mexico**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	85'	85'	Clay
85'	170'	85'	Red bed
170'	235'	65'	Shale and shells
235'	275'	40'	Red bed
275'	609'	334'	Red bed and shells
609'	937'	328'	Red bed, rock and shale
937'	1057'	120'	Shale and shells
1057'	1075'	18'	Shale and anhydrite
1075'	1140'	75'	Anhydrite and shells
1140'	1192'	52'	Anhydrite and white shells
1192'	1327'	135'	Salt and anhydrite streaks
1327'	1703'	376'	Salt and anhydrite
1703'	1833'	130'	Salt, anhydrite and potash
1833'	2119'	286'	Salt and anhydrite
2119'	2371'	252'	Salt, anhydrite and potash
2371'	2475'	104'	Anhydrite
2475'	2515'	40'	Anhydrite and gypsum
2515'	2554'	39'	Anhydrite and lime
2554'	2625'	71'	Anhydrite and gypsum
2625'	2684'	59'	Anhydrite and lime
2684'	2707'	23'	Anhydrite
2707'	2751'	44'	Anhydrite and lime w/ shale streaks
2751'	2815'	64'	Anhydrite and lime
2815'	2840'	25'	Lime and anhydrite
2840'	2875'	35'	Anhydrite and brown lime
2875'	3012'	137'	Anhydrite
3012'	3174'	162'	Anhydrite and lime
3174'	3234'	60'	Anhydrite and lime w/ shale streaks
3234'	3509'	275'	Anhydrite and lime
3509'	4323'	754'	Lime
4323'	4623'	300'	Lime and anhydrite
4623'	4674'	51'	Lime
4674'	4718'	44'	Gray lime
4718'	5107'	389'	Lime
5107'	5169'	62'	Lime

For record of Drill Stem Tests please see attached.

RECORD OF DRILL STEM TEST NO. 1

Total Depth 8107', Halliburton Packer 8058' w/ 49' anchor, 5/8" bottom hole choke and 5/8" top opening. Tool opened and gas appeared at surface in 2 1/2 minutes, gas-out mud in 16 minutes and pipe line oil in 22 minutes. Tool open 3 hours and 22 minutes.

1st hour flowed 16 bbls. oil.

2nd hour flowed 12 bbls. oil.

3rd hour flowed 16 bbls. oil.

Total 44 bbls. oil in 3 hrs.

Gas measured 508M per day, for a gas/oil ratio of 1820/1. Gravity of oil 37.1. Maximum flowing pressure 700#. Fifteen minute shut in bottom hole pressure 1900#. Pulled 3 1/2" drill pipe and recovered 630' of oil w/ no water.

RECORD OF DRILL STEM TEST NO. 2

TD 8159', Halliburton Packer 8138' w/ 34' anchor, 5/8" bottom hole choke and 5/8" top opening. Tool open 3 hours - gas to surface in 17 minutes, which continued as a light blow during balance of time tool open. Volume estimated at between 4,000 and 5,000 cubic ft. per day - sweet gas.

Pulled 3 1/2" drill pipe and recovered 690' of oil and gas-out mud; estimated amount of oil to be 30%. Bottom joint of drill pipe had small amount of water which had salty taste. Had test run on water and chloride tested 11,000 to 12,000 parts per million ft.

Fifteen minute shut in bottom hole pressure 1200#, flowing pressure 100#.