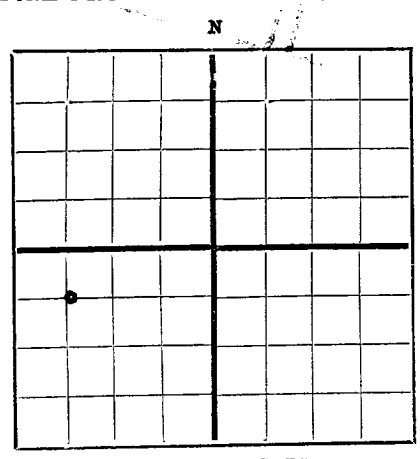
DUPLICATE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

RECEIVED
OCT 20 1950
OIL CONSERVATION COMMISSION
HOBBS, OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Orig: OCC
cc: Pro. office
WHC
RAN
EGC
File

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.

Sinclair Oil & Gas Co. (Company or Operator) Box 1427 Hobbs, N.M. (Address)

Daisy Blankenship (Lease) Well No. 1 in NW/4 SW/4 of Sec. 12, T 20 R. 38, N. M. P. M., Field, House Lea County.

Well is 3300 feet south of the North line and 4620 feet west of the East line of 12-20-38

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is D. E. House, Address Hobbs, N.M.

If Government land the permittee is, Address

The Lessee is, Address

Drilling commenced August 22 19 50 Drilling was completed Oct. 12, 19 50

Name of drilling contractor Milhaan Drilling Co., Address

Elevation above sea level at top of casing 3559 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 4245 to 4307 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 FROM	PERFORATED TO	PURPOSE
13 3/8	48	8		187					
7	26	8		4440			4252	4307	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17½	13 3/8	192	200			
12¼	7	4440	2233			

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
1,000 Gal. Acid		20% Low tension	1,000 Gal.	9-24-50	4397 to 4422	
"	"	15% " "	2,000 "	9-26-50	4347 to 4372	
"	"	15% " "	2,000 "	9-28-50	4252 to 4307	
"	"	15% " "	3,000 "	10-1-50	4252 to 4307	

Results of shooting or chemical treatment

Well completed after 3,000 gallon acid shot for 55 B/D 1. per 24 Hours

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 Surface feet to 4440 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing October 12, 19 50

The production of the first 24 hours was 40 barrels of fluid of which 100 % 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

L. D. Hughes, Driller R. E. Lee, Driller

Joe D. Lamb, 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 16th day of October, 19 50

Notary Public

My Commission expires 2-4-54

Hobbs, New Mexico Oct. 16, 1950
(Date)

Name

Position Dist. Supt.

Representing Sinclair Oil & Gas Co.
(Company or Operator)

Address Box 1427 Hobbs, N.M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	53	53	Sand & clay
53	141	88	Red Clay
141	210	69	Redbed
210	1099	889	Redbed & Redrock
1099	1465	366	Redbed & shells
1465	1514	45	Anhydrite & redrock
1514	1610	96	Anhydrite
1610	2780	1170	Anhydrite & salt
2780	3296	516	Anhydrite & gyp
3296	3322	26	Anhydrite & shell
3322	3810	488	Anhydrite
3810	4440	630	Lime

DST #1 4259 to 4279 open 2 Hrs. gas to surface in 1 Hr. recovered 375' of fluid in drill pipe (255' of gas cut mud and 120' of oil cut mud) Gas unsufficient to measure FP 50 to 75# - 20 Min. BUP 630#

DST #2 4277 to 4337 open 3 Hrs. gas to surface in 47 Min. recovered 380' of gas cut mud w with show of oil - FP 0 to 245# - 30 Min BUP 330#

DST #3 4337 to 4386 open 1 hour no gas to surface, recovered 240' of mud, no show of oil or gas

DST #4 4386 to 4436 Open 1 Hr. 30 Min. no gas to surface - recovered 280' of drilling mud, slightly gas cut W/slight show of oil, FP 80 to 160# 15 Min. BUP 160#.

Ran Gamma Ray Electric survey @ 4440

DEVIATION TEST

250' off ¼ degree - 750 off ½ - 2250 off ¼ - 2500 off ¼ - 2750 off 1½ - 2800 off 1¼ 3000 off 1¼ 3250 off 1¼ 3500 off 1½ - 3640 off 3/4 - 3870 off 3/4 - 4186 off 0

Perforated 7" casing W/100 Jet shots By Lane Wells from 4397 to 4422 and acidized W/1,000 Gallon of 20% low tension acid by The Western Co.- Swabbed dry - No oil

Set Halliburton retainer @ 4385 and squeezed off perforations 4397 to 4422 W/50 sacks displaced 40 below retainer - Perforated 7" casing W/100 jet shots by Lane Wells from 4347 to 4372 and acidized W/2,000 Gallon of 15% Low tension acid, by Western Co. Swabbed dry - No oil

Set Cast Iron brdiging plug @ 4325 - Perforated by Lane Wells W/220 Jet shds from 4252 to 4307 and acidized W/2,000 gallong of 15% low tension acid by The Western Co. Swabbed after load and acid recovery - 40 Bbl. oil and 16 Bbl. water

Reacidized 4252 to 4307 W/3,000 gallons of 15% low tension acid by the Western Co. Swabbed and completed well @ 55 Bbl. oil per day.