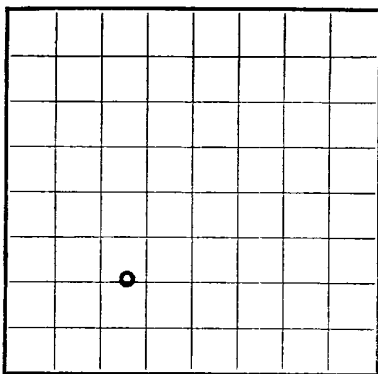
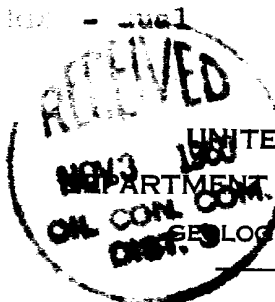




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER Santa e
LEASE OR PERMIT TO PROSPECT 4403603-AUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Drill-It Company, Inc. Address Box 387, Arroyo, N.M.
Lessor or Tract Harmond Field Harmond State N.M.
Well No. 47 Sec. 35 T. 27N R. 8E Meridian 10N County Santa Fe
Location 1050 ft. {N.} of S Line and 155 ft. {E.} of 1 Line of 35 Elevation 6835
(Derrick floor relative to spot level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed William C. RussellDate Oct. 31, 1960 William C. Russell President

The summary on this page is for the condition of the well at above date.

Commenced drilling Sept. 15, 1960 Finished drilling Oct. 12, 1960, 1960OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 240 to 2310 No. 4, from _____ to _____
No. 2, from 4520 to 4530 No. 5, from _____ to _____
No. 3, from 6660 to 6815 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>9 5/8</u>	<u>34</u>	<u>8</u>	<u>CPI</u>	<u>249</u>	<u>mon</u>	<u>4</u>	<u>-</u>	<u>-</u>	<u>surface</u>
<u>4 1/2</u>	<u>11.30</u>	<u>8</u>	<u>CPI</u>	<u>6830</u>	<u>float</u>	<u>-</u>	<u>4527</u>	<u>457</u>	<u>production</u>
							<u>4590</u>	<u>6826</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5/8</u>	<u>249</u>	<u>150</u>	<u>Halliburton</u>	<u>70</u>	<u>100</u>
<u>1/2</u>	<u>6830</u>	<u>400</u>	<u>Halliburton</u>	<u>17</u>	<u>700</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from surface feet to 6838 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 1000 mcf Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 960

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1490</u>	<u>1580</u>	<u>90</u>	<u>Ojo Alamo</u>
<u>2240</u>	<u>2310</u>	<u>70</u>	<u>Pictured Cliffs</u>
<u>4520</u>	<u>4630</u>	<u>110</u>	<u>Point Lookout</u>
<u>6505</u>	<u>6555</u>	<u>50</u>	<u>Greenhorn</u>
<u>6640</u>	<u>6815</u>	<u>175</u>	<u>Dakota</u>

(OVER)

16-48104-4

FORMATION RECORD—Continued

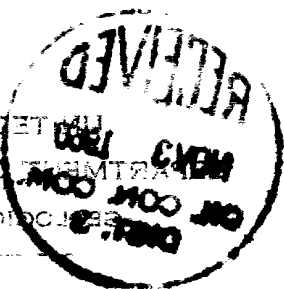
FROM—	TO—	TOTAL FEET	FORMATION
1190	1500	90	Ojo Alamo
2240	2310	70	Pictured Cliffs
4520	4630	110	Pointe à Pelee
6505	6555	50	Greenhorn
6670	6815	175	Dakota

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

SEE COMPANION LOG FILLED IN THIS DATE AS TO DAKOTA

Well completed as a Mesa Verde - Dakota dual has producer. 4 1/2" x 11.60# - J-25 casing landed at 6630' with float shoe Halliburton DV cementing stage tools at 2350 and 4700' shoe cemented with 200 sacks and 100 sacks through each staging tool. Two centralizers were used at each point cemented. All cement was 50-50 portmix, 2% gel and 12.5% Gilsomite. Cement and staging tools drilled to 6624' - tests performed. Frased and bridge plug set at 4650'. Mesa Verde perforated as above, two jet shots per foot and sand (20-40) (20,000#) water (1000#) placed down casing - 30 lbs per minute, two trunks. Production packer landed at 4650'. Well shut in for official gauge.



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