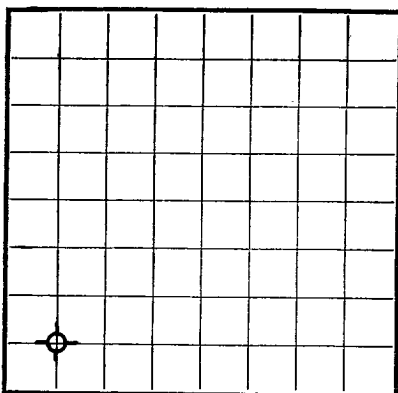


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company **Pubco Petroleum Corporation** Address **P. O. Box 1419, Albuquerque, N.M.**
Lessor or Tract **Mountain Ute** Field **Verde-Gallup** State **New Mexico**
Well No. **18-13** Sec. **18** T. **31N** R. **14W** Meridian **N.M.P.M.** County **San Juan**
Location **660** ft. **N** of **S** Line and **660** ft. **E** of **W** Line of **Section 18** Elevation **5682**
(Derrick floor relative to sea 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

Date **September 11, 1961** **Geologist**

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

Commenced drilling **April 19**, 19**61** Finished drilling **May 17**, 19**57**
Abandoned August 11, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **none** to **none** No. 4, from **none** to **none**No. 2, from **none** to **none** No. 5, from **none** to **none**No. 3, from **none** to **none** No. 6, from **none** to **none**No. 1, from **none** to **none** No. 3, from **none** to **none**No. 2, from **none** to **none** No. 4, from **none** to **none**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	32.3	8	Lonestar	88.31	Hall's "J"				surface
5-1/2	14	8	Spence	2532.45	Ball				production
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD (see reverse side)

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	98.3	80 sx reg & 20 cu. ft stratacrete 4% CaCl ₂	circulated		
5-1/2	2532	30 sx reg, 30 cu. ft stratacrete, 6% gel	2 plug		

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
Sand-oil frac 2532-2640 (open hole) w/36,372 gal oil & 20,000# sand. Breakdown pressure, 950 psi, treating pressure 700 psi. Injection rate 53 BPM.						

TOOLS USED

Rotary tools were used from **surface** feet to **2532** feet, and from _____ feet to _____ feetCable tools were used from **2532** feet to **2640** feet, and from _____ feet to _____ feet

DATES

September 11, 19**61** Put to producing **May 22**, 19**57**The production for the first 24 hours was **286** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **40.7°**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____ **Abandoned 8-11-61**

EMPLOYEES (abandonment)

Henry Reynolds, Driller **owner**, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
surface	1360	1360	Mesaverde
1360	2549	1189	Mancos
2549	2640	91	Gallup

(OVER)

16-42004-4

FORMATION RECORD—Continued

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

DATE: 1-17-68
TO: DIRECTOR, FBI
FROM: SAC, NEW YORK (100-155541)
SUBJECT: JAMES EARL RAY; AKA;
RE: NEW YORK TELETYPE TO BUREAU,
JANUARY 16, 1968.

FOR INFORMATION OF THE BUREAU, THE FOLLOWING IS A SUMMARY OF THE RESULTS OF AN INTERVIEW CONDUCTED BY SA [redacted] ON JANUARY 16, 1968:

[redacted]

SA [redacted] ADVISED THAT HE HAD BEEN INFORMED BY [redacted] THAT [redacted] HAD BEEN IN CONTACT WITH [redacted] AND [redacted] AT THE NEW YORK OFFICE OF THE FBI.

END PAGE ONE

100-155541-100

LOG OF OIL OR GAS WELL

LOCATE WITH CONFIDENCE

[illegible][illegible]

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

Moved in rig and pulled rods and tubing; set a 20-inch cement plug with 145' lot filling; attempted to pull casing with no success; killed casing with 120 mud and set a 7-inch surface seal with cement! Unable to pump after breakdown.

19-11-61

Made December State allowable by averaging and pumping and shut well in.

RE-Work DETAILS: December 12-18, 1957. Moved in Rotacore cable tool rig. Pulled rods and tubing; performed pressure pumping between 12-13-57 w/80 sx regular, 80 cu. ft. straccate, 6% GEL-BACK (lost); started at 0 pressure, built up to 200# maximum pressure; HOC 8:00 P.M. 12-13-57; top cement checked at 933'; checked hole, no cement in hole. Grubbed well to tanks & pits December 14-17; reran rods & tubing 12-18-57; put well on production; cut decreased from 55% to 42% in 3 days.

Well pumped 100% water, 200 BPD, December 7th and 8th

HISTORY OF OIL OR GAS WELL

16-43004-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

Ignacio, Colo

U. S. LAND OFFICE

14-20-604-1896

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

The summary on this page is for the condition of the well at above date:
Commenced drilling April 19, 1961 Finished drilling May 17, 1961
Abandoned August 11

(Denote gas by G)

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—	
9-5/8	32.3	8	Lonestar	88.31	Hall'n "J"				surface
5-1/2	14	8	Sprang & CFAI	2522.65	Baker				production

MUDDING AND CEMENTING RECORD (see reverse side)

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	98.3	80 sx reg & 20 cu. ft stratacrete 4% CaCl ₂	circulated		
5-1/2	2532	30 sx reg, 30 cu ft stratacrete, 6% gel	2 plug		

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
Sand-oil frac 2532-	2640 (open hole)	w/36,372	gal oil & 20,000#	sand. Breakdown		
pressure, 950 psi.	treating pressure	700 psi.	Injection rate	53 BPM.		

TOOLS USED

Rotary tools were used from surface feet to 2532 feet, and from _____ feet to _____ feet

Cable tools were used from 2532 feet to 2640 feet, and from _____ feet to _____ feet

DATES

September 11, 1961 Put to producing May 22, 1957

The production for the first 24 hours was 286 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 40.7°

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. _____ **Abandoned 8-11-61**

EMPLOYEES (abandonement)

Henry Reynolds, Driller
Xxxxx owner, Driller
_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
surface	1360	1360	Mesaverde
1360	2549	1189	Mancos
2549	2640	91	Gallup

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 plungers or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

Well pumped 100% water, 200 BPD, December 7th and 8th

RE-WORK DETAILS: December 12-18, 1957. Moved in Rotacone cable tool rig. Pulled rods and tubing; performed pressure tests 12-13-57 w/80 sx regular, 80 cu. ft. straccate, 6% gel & 1/4" sack of floccul; started at 0 pressure, built up to 200# maximum pressure; MOC 8:00 P.M., 12-13-57; top cement checked at 933'; checked hole, no cement in hole. Swabbed well to tanks & pits December 14-17; reran rods & tubing 12-18-57; put well on production; cut decreased from 55% to 49% in 3 days.

Moved in rig and pulled rods and tubing; set a 20-sack cement plug with 145' for fillup; attempted to pull casing with no success; filled casing with 126 mud and set a 2-sack plug on surface with monument; unable to pump into Bradenhead. Plugged and abandoned 8-11-61

decreased from 55% to 49% in 3 days.

JUN 24 1964

0007-1226/01/0000-0000\$05.00/0

[illegible]

1. The first step is to identify the key components of the system. This includes understanding the hardware, software, and data involved.