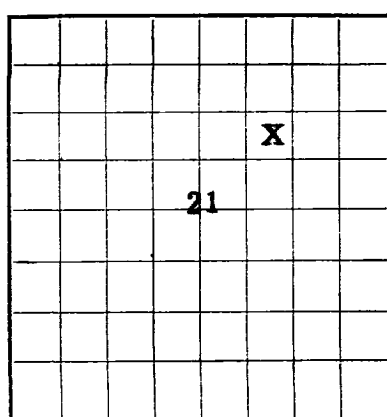


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Company Val R. Reese & Assoc., Inc. Address Lobby of Simms Bldg., Albuquerque,
Lessor or Tract Connie Field Escrito-Gallup State New Mexico NM
Well No. 5-21 Sec. 21 T. 24N R. 7W Meridian NMPM County Rio Arriba
Location 1850 ft. S of N Line and 1650 ft. E of E Line of Section 21 Elevation 7100 GL

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 M. B. Jones, **Morris B. Jones**

Date March 21, 1961

Title Engineer

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

Commenced drilling February 19, 19 61 Finished drilling March 2, 19 61

OIL OR GAS SANDS OR ZONES

No. 1, from 5906 to 5940 No. 4, from 2400 to 2400
No. 2, from 5780 to 325810 No. 6, from 10-50 to 58' 110 Est
No. 3, from 5720 to 5740 No. 6, from 10-50 to 58' 110 Est
2200 Est WAX L.B. 3400 Est WAX L.B.
IMPORTANT WATER BANDS
No. 1, from 2400 to 2400 No. 4, from 2400 to 2400
No. 2, from 2400 to 2400 No. 6, from 2400 to 2400

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	12.4	4 RU	CT&I	5000	Outer	1. 2000 gals in depth	2. 2000 gals in depth	3. 2000 gals in depth	Production
4-1/2	11.6	5 RU	CT&I	5000	Outer	1. 2000 gals in depth	2. 2000 gals in depth	3. 2000 gals in depth	Production
	9.5								

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	8-5/8	229	130	HOWCO		Cmt. Circ.
	4-1/2	6900	150	HOWCO		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material	Size
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SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 6000 feet and from feet to feet

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

DATES

DATES	
March 13 1961	Put to producing March 17 1961

The production for the first 24 hours was 480 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé 9

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

Rock pressure lbs. per sq. in.

EMPLOYEES

_____, Driller _____ Driller

----- Driller ----- Driller -----

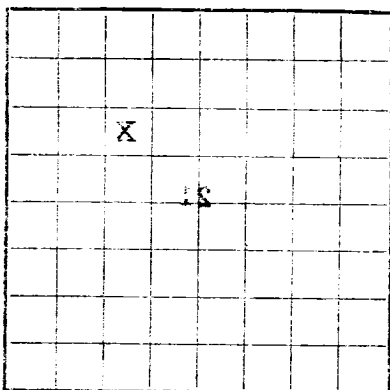
FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
			Log Tops:
			Pictured Cliffs 2366
			Lewis 2470
			Point Lookout 4400
			Mancos 4908
			Gallup 5715
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FOURTHION RECORD-Continued

16-43094-4



LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U. S. LAND OFFICE
SERIAL NUMBER
DATE OF PERMIT TO PROSPECT

2 USGS & 2 Elec. logs.
1 El Paso Prod.
3 File

Company Val R. Reese & Assoc., Inc.
Lessor or Tract
Well No. 8-21
Location 1350 ft. S. of N. line and 1850 ft. W. of E. line of Section 21
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 Morris R. Jones
Engineer

Date March 21, 1931
The summary on this page is for the condition of the well at above date.
Commenced drilling February 19, 1931 Finished drilling March 2, 1931

OIL OR GAS SANDS OR ZONES

after pumping 1521 gal. flush. Overall average I. R. 30.1 BPM.
No. 1 from 5200 to 5500 ft. B. D. 3600 PSI. Max. T. P. 3500 PSI. Avg. T. P. 3400 PSI. Perforated 10-20 sand and 28, 170 gal.
No. 2 from 5150 to 5450 ft. B. D. 3500 PSI. Max. T. P. 3400 PSI. Avg. T. P. 3300 PSI. Perforated 10-20 sand and 28, 170 gal.
No. 3 from 5100 to 5400 ft. B. D. 3400 PSI. Max. T. P. 3300 PSI. Avg. T. P. 3200 PSI. Perforated 10-20 sand and 28, 170 gal.
No. 4 from 5050 to 5350 ft. B. D. 3300 PSI. Max. T. P. 3200 PSI. Avg. T. P. 3100 PSI. Perforated 10-20 sand and 28, 170 gal.
No. 5 from 5000 to 5300 ft. B. D. 3200 PSI. Max. T. P. 3100 PSI. Avg. T. P. 3000 PSI. Perforated 10-20 sand and 28, 170 gal.
No. 6 from 4950 to 5250 ft. B. D. 3100 PSI. Max. T. P. 3000 PSI. Avg. T. P. 2900 PSI. Perforated 10-20 sand and 28, 170 gal.
No. 7 from 4900 to 5200 ft. B. D. 3000 PSI. Max. T. P. 2900 PSI. Avg. T. P. 2800 PSI. Perforated 10-20 sand and 28, 170 gal.
No. 8 from 4850 to 5150 ft. B. D. 2900 PSI. Max. T. P. 2800 PSI. Avg. T. P. 2700 PSI. Perforated 10-20 sand and 28, 170 gal.
No. 9 from 4800 to 5100 ft. B. D. 2800 PSI. Max. T. P. 2700 PSI. Avg. T. P. 2600 PSI. Perforated 10-20 sand and 28, 170 gal.
No. 10 from 4750 to 5050 ft. B. D. 2700 PSI. Max. T. P. 2600 PSI. Avg. T. P. 2500 PSI. Perforated 10-20 sand and 28, 170 gal.

CASING RECORD

Casing size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
4-1/2	14.8	8	Howco	150	Howco	150	From 5200 to 5500 ft.	For pumping oil
4-1/2	14.8	8	Howco	150	Howco	150	From 5150 to 5450 ft.	For pumping oil
4-1/2	14.8	8	Howco	150	Howco	150	From 5100 to 5400 ft.	For pumping oil
4-1/2	14.8	8	Howco	150	Howco	150	From 5050 to 5350 ft.	For pumping oil
4-1/2	14.8	8	Howco	150	Howco	150	From 5000 to 5300 ft.	For pumping oil
4-1/2	14.8	8	Howco	150	Howco	150	From 4950 to 5250 ft.	For pumping oil
4-1/2	14.8	8	Howco	150	Howco	150	From 4900 to 5200 ft.	For pumping oil
4-1/2	14.8	8	Howco	150	Howco	150	From 4850 to 5150 ft.	For pumping oil
4-1/2	14.8	8	Howco	150	Howco	150	From 4800 to 5100 ft.	For pumping oil
4-1/2	14.8	8	Howco	150	Howco	150	From 4750 to 5050 ft.	For pumping oil

MUDDING AND CEMENTING RECORD

Casing size	Weight per foot	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4-1/2	14.8	150	Howco	Howco	150
4-1/2	14.8	150	Howco	Howco	150

PLUGS AND ADAPTERS

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
4-1/2	14.8	8	Howco	150	Howco	150	From 5200 to 5500 ft.	For pumping oil

SHOOTING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
4-1/2	14.8	8	Howco	150	Howco	150	From 5200 to 5500 ft.	For pumping oil

TOOLS USED

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
4-1/2	14.8	8	Howco	150	Howco	150	From 5200 to 5500 ft.	For pumping oil

DATES

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
4-1/2	14.8	8	Howco	150	Howco	150	From 5200 to 5500 ft.	For pumping oil

EMPLOYEES

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
4-1/2	14.8	8	Howco	150	Howco	150	From 5200 to 5500 ft.	For pumping oil

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
5200	5500	300	Log tops:
5150	5450	300	Pictured Cliffs
5100	5400	300	Lewis
5050	5350	300	Point Lookout
5000	5300	300	Macon
4950	5250	300	Gallup

FORMATION RECORD—Continued