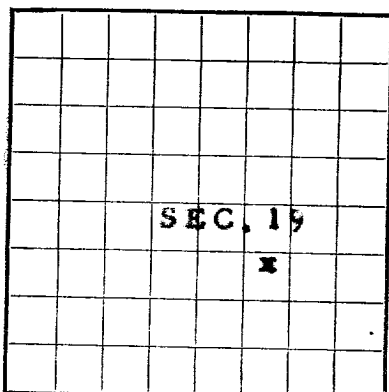




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **01460**
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company **Basin Natural Gas Corporation** Address **109 W. Chaco St., Aztec, N. M.**
Lessor or Tract **Woodward** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **19** T. **16N** R. **5W** Meridian **NMPM** County **McKinley**
Location **1650** ft. **N.** of **S** Line and **1650** ft. **E.** of **E** Line of **Sec. 19** Elevation _____
(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. **Basin Natural Gas Corporation**
Signed by: **E. E. Barrett**

Date **October 15, 1957**Title **President**

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

Commenced drilling **December 20**, 19**55** Finished drilling **May 12**, 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **550** to **556** No. 3, from **820** to **830**
No. 2, from **612** to **635** No. 4, from **1251** to **1310**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4	40	8		694'	steel				water shut off
8 5/8	32	8		1103'	steel				water shut off
HISTORY OF THE WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	694'	None			
8 5/8	1103'	None			

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot

TOOLS USED

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

Cable tools were used from **0** feet to **1310** feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____

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

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 **E. E. Barrett**, Driller
_____, Driller _____, Driller

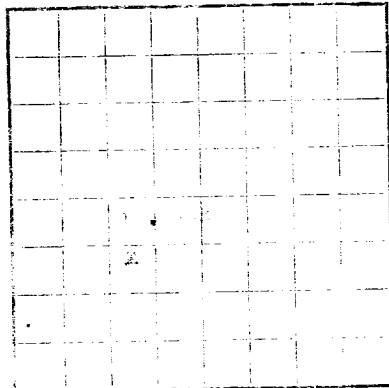
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Sandy loam and clay
10	250	240	Sandy shale
250	280	30	Blue shale
280	382	102	Black shale (possible upper Mancos)
382	402	20	Lime
402	510	108	Gray sand shale
510	522	12	Hard sandy lime
522	550	28	Shale and sandy shale
550	556	6	Sand - odor of gas - light rainbow
556	558	2	30 gal. water per hour
558	570	12	Hard lime
570	612	42	Sand - 20 B. W. P. H.
612	635	23	Sandy lime - 20% lime
635	677	42	Sand - water flowing 20 gal. per min. (possibly Hospah)
677	687	10	Hard sandy lime
687	694	7	Sand & water
694	697	3	Shale (set 10 3/4" pipe)
697	712	15	Limy shale
712	713	1	Sandy lime (12 B. W. P. H. fresh)
713	752	39	Shale
752	760	8	Sandy lime
760	760	0	Sand - water

FORMATION RECORD—Continued

U.S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company, _____
Lessor or Third Party, _____
Well No., _____
Location, _____
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: _____
Title, _____
Date, _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____, 19____
Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

IMPORTANT WATER SANDS

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

CASING RECORD

Casing	Weight	Length	Mark	Time	Kind of steel	Cost and pulled from	Location	Purpose

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 balling.

HISTORY OF OIL OR GAS WELL

10-43004-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Casing	Weight	Length	Mark	Time	Kind of steel	Cost and pulled from	Location	Purpose

PLUGS AND ADAPTERS

Plugging plug _____
Adapter _____

SHOOTING RECORD

Shot	Weight	Length	Mark	Time	Kind of steel	Cost and pulled from	Location	Purpose

TOOLS USED

Barrel rods were used from _____ feet to _____ feet and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil and _____ was water; and _____ sediment.
If gas well, cut in per 24 hours _____.
Rock pressure, lbs. per sq. in. _____.

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
1310 T. D.			
1251	1310	59	Chocolate colored shale
1250	1251	1	Sand - water - 130 gal. per min.
1223	1250	27	Sand - H. E. W. Show of oil - 5% fluorescent
1125	1223	100	Very hard lime (top Gallup 1250)
1120	1125	5	Sandy shale - lime shells
			Hard lime shell
			Spit-off-dry-hole
1095	1120	25	Sticky gumbo shale (pipe at 1103' - water)
1090	1095	5	Sandy lime (water)
1080	1090	10	Blue shale
1040	1080	40	Sandy lime (water)
1045	1070	25	Dark oily shale
			Yanicos
960	1045	85	Sandy lime - soft (water) (possibly Lower)
947	960	13	Black gumbo shale
910	947	37	Sandy shale
900	910	10	Hard sharp gray lime
860	900	40	Sandy shale
845	860	15	Sand (water)
830	845	15	Gumbo shale
820	830	10	Coarse sand and gravel (water)
770	820	50	Blue shale
760	770	10	Hard sandy lime