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Locate Well Correctly

T 8 N

OFFICE OF STATE OIL INSPECTOR
Oil and Gas Conservation
Department

216

LOG OF OIL AND GAS WELL



00235116

file

Company TRUE & BROWN Address Box 203, Casper, Wyoming
 State or Patented Pat Field Wildcat State Colo.
 Well No. 1 Sec. 6 T. 8 N R. 52 W Meridian 6 PM County Logan

Location 2310 Ft. (N) of S Line and 2310 Ft. (W) of W line of Sec 6 Elevation 4084
 (Rotary Drive Bushing ~~Service 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.

Date 12-21-51 Signed [Signature]
 Title Partner

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

Commenced drilling 11/22, 1951 Finished Drilling 12/5 1951

OIL SANDS OR ZONES

No. 1, from None 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 None to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size	Weight per ft.	Threads per inch	Make	Amount	Kind of Shoe	Cut & Pulled from	Perforated From	Perforated to	Purpose
10 3/4"	32.75	8 r	Youngstown	139	Baker Guide	- - -	- - -	- - -	- - -

MUDDING AND CEMENTING RECORD

Size	Where Set	No. Sacks of Cement	Methods Used	Mud Gravity	Amount of Mud Used
10 3/4"	139	100	Halliburton		

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 used from 0 ft. to 4934 ft. and from _____ ft. to _____ ft.
 Cable tools were used from _____ ft. to _____ ft. and from _____ ft. to _____ ft.

DATES

_____ 19 _____ Put to producing _____ 19 _____

The production for the first 24 hours was _____ barrels of fluid of which
 % was oil, % emulsion; % 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. _____

EMPLOYES

Fred Fox Driller Ralph Robie, Driller
Walter Swinton Driller _____, Driller

FORMATION RECORD

From	To	Total Feet	Formation
3802'			Top Niobrara Chalk
4130'			Top Fort Hays Limestone
4398'			Top Greenhorn Limestone
4643'			Top 'D' Sand
4770'			Top 'J' Sand
4934'			Driller's Total Depth
4903'			Schlumberger would not go below

A total of six cores and three drill stem tests were taken. A detail resume of these follows:

6-8N-82W

Cores from 'D' Sand Section

- Core #1 4657-62' Recovered 5'. Top 4' fine grained silty sand with numerous thin irregular shale partings and cross bedding. A small amount of lignite scattered through core. No porosity. No stain, odor or fluorescence. Bottom foot of core was dark gray shale.
- Core #2 4662-77' Recovered 13' as follows:
3' sandy shale with numerous thin shale partings. No stain, odor or fluorescence.
3' white medium to fine grained porous sand. No stain, odor or fluorescence.
2' hard brown cemented sandstone, staining due to mineralization. No odor or fluorescence.
5' white sand as above. Good porosity. No stain, odor or fluorescence.
The sand in the core appears to be saturated with water, No indication of oil or gas.

Cores from 'J' Sand Section

- Core #3 4775-82' Recovered 7' as follows:
2' fine grained argillaceous sand with numerous thin shale partings. No porosity. No stain, odor. Very faint fluorescence.
3' fine grained argillaceous sand with a lesser amount of shale partings. No porosity. No stain, odor or fluorescence.
2' Argillaceous sand like top 2' of core. No porosity, stain, odor or fluorescence.
- Core #4 4782-91' Recovered 9' as follows:
3' hard fine grained argillaceous sandstone and sandy shale. No porosity, no stain, few specks of fluorescence.
1' very hard white quartzitic sandstone. No porosity. No stain or odor. Spots of fluorescence.
2' black shale, lignite interbedded.
3' hard argillaceous sandstone like top 3' of core. No porosity. No stain or odor. Few spots of fluorescence.
- Core #5 4807-25' Recovered 16' as follows:
2' Interbedded hard gray shale with thin sand streaks. No porosity, stain or fluorescence.
12' Dark gray shale with thin sand partings. No porosity, stain, odor or fluorescence.
2' Hard argillaceous sandstone. No porosity, stain, odor or fluorescence.
- Core # 6 4825-39' No recovery. The coring samples indicated this core to be similar in lithology to the one above. No oil shows were noted in the cuttings.

The following Drill Stem Tests were made:

- D.S.T. 4652-62' Open one hour. Weak blow for nine minutes then died. No pressure recorded. Recovered ten feet drilling mud. No indication of oil or gas. This test was in the 'D' sand and was made to check oil shows in samples at 4655'.
- D.S.T. 4768-91' Open 1 hour. Recovered 30 feet drilling mud. No indication of oil or gas. This test was made in the top of the 'J' sand section to check faint fluorescence in samples from this interval.
- D.S.T. 4791-4807' Open 1½ hours. Faint blow 10 minutes, died. Reopened tool in 30 minutes. Faint blow 5 minutes, died. Twenty minutes later faint blow started and lasted to end of test. Recovered 110' drilling mud with specks of oil and a very small amount of free oil. This test in the 'J' sand was made to check good fluorescence in hard sand @ 4800' to 4805' in drilling samples.