

RECORD OF DRILL STEM TEST ON AMERADA'S ALLISON UNIT NO. 1

- 9-27-50 D.S.T. No. 10 from 8137' to 8164', 13 min. test on $4\frac{1}{2}$ " Drill Pipe
Tool opened at 11:26PM Perforations from 8138' to 8161'. Two
Packers set at 8131' and 8137'. $5/8$ " bottom & 1" top chokes
Tool opened with weak blow of air for 13 mins. and packers failed
to hold. Recovered 540' of drlg. mud. Halliburton Hydro Pressure
In 4000#, out 3900#. Initial Flow Pressure 200# Amerada Chart
failed.
- 9-29-50 D.S.T. No. 11 from 8130' to 8188', 1 hour & 50 mins. test on $4\frac{1}{2}$ "
Drill Pipe. Two Packers set at 8122' & 8130'. Perforations
from 8131' to 32' and 8162' to 8185'. $5/8$ " bottom & 1" top chokes.
Tool opened at 1:55AM with fair blow of air for 50 mins. & died
Closed tool at 3:45AM. Recovered 270' Mud, no shows of oil, gas
or water. Halliburton Hydro Pressure In & Out 3950#. Flow Pressure
and 1/4 Hour Build-Up Pressure 0#. Amerada Chart failed
- 10-2-50 D.S.T. No. 12 from 8186' to 8240', 4 hour test on $4\frac{1}{2}$ " Drill Pipe
with two Packers set at 8178' and 8186'. Perforations 8220' to 8237'
with $5/8$ " bottom and 1" top chokes. Tool opened at 7:26AM with good
blow of air, gas to surface in 2 hours & 8 mins. Est. Gas Volume
3,000 cu ft per day. Closed tool at 11:26AM for 1/4 Hour Build-Up
Pressure. Recovered 120' on mud slightly gas cut and 360' of
clean fresh water. Amerada Hydro Pressure In 4290#, out 3830#
Initial Flow 80#, Final Flow 100#. 1/4 Hour Build-Up Pressure
1450#
- 10-7-50 D.S.T. No. 13 from 8238' to 8357', $1\frac{1}{2}$ hour test on $4\frac{1}{2}$ " Drill Pipe
with two Packers set at 8230' and 8238'. Perforations from 8239'
to 8240' and 8330' to 8354'. $5/8$ " bottom & 1" top chokes. Tool
opened at 11:30PM with fair to weak blow of air for 30 mins.
and died. Closed tool at 1:00AM. Recovered 150' of mud, no
oil, gas or water. Amerada Hydro Pressure In 4340#, out 4220#
Initial & Final Flow Pressure 0#, 1/4 Hour Build-Up Pressure 0#
- 10-18-50 D.S.T. No. 14 from 8463' to 8510'. 4 hour test on $4\frac{1}{2}$ " Drill Pipe
with two Packers set at 8455' & 8463'. Perforations from 8494' to 07'
and $5/8$ " bottom & 1" top chokes. Tool opened at 6:03PM with good
blow of air. Closed tool at 10:03PM. Recovered 90' mud and 870' of
Clear Fresh Water. Amerada Hydro Pressure In 4340#, out 4220#
Flow Pressure 260#. 1/4 Hour Build-Up Pressure failed to record

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

[illegible]

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The next step is to collect data. This is done by the investigator who is responsible for the study. The next step is to analyze the data. This is done by the investigator who is responsible for the study. The next step is to interpret the results. This is done by the investigator who is responsible for the study. The next step is to draw conclusions. This is done by the investigator who is responsible for the study. The next step is to report the findings. This is done by the investigator who is responsible for the study. The next step is to discuss the implications. This is done by the investigator who is responsible for the study. The next step is to recommend further research. This is done by the investigator who is responsible for the study. The next step is to conclude the study. This is done by the investigator who is responsible for the study.

The above information was obtained from the file maintained by the FBI at its New York Office, dated 7-19-68, which contains a copy of the letterhead memorandum dated 7-10-68, captioned as above.
 Very truly yours,
 J. Edgar Hoover
 Director

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The next step is the formulation of the hypothesis. This is done by the investigator who is responsible for the study. The third step is the design of the study. This is done by the investigator who is responsible for the study. The fourth step is the collection of data. This is done by the investigator who is responsible for the study. The fifth step is the analysis of the data. This is done by the investigator who is responsible for the study. The sixth step is the interpretation of the results. This is done by the investigator who is responsible for the study. The seventh step is the conclusion. This is done by the investigator who is responsible for the study. The eighth step is the presentation of the results. This is done by the investigator who is responsible for the study. The ninth step is the evaluation of the study. This is done by the investigator who is responsible for the study. The tenth step is the dissemination of the results. This is done by the investigator who is responsible for the study.

RECORD OF DRILL STEM TESTS ON AMERADA'S ALLISON UNIT NO. 1

- 9-15-50 D.S.T. No. 1 from 7932' to 8000'. 4 hour test on 4½" Drill Pipe with two Packers set at 7924' & 7932'. Perforations from 7933' to 34' and 7967' to 7997' with 5/8" Bottom & 1" top chokes. Tool opened at 11:11PM with strong blow of air, gas to surface in 7 mins. Gas Volume for first hour at rate of 774,854 cu ft per day, for remainder of test at rate of 843,540 cu ft per day. Closed tool at 3:11AM for 1/4 hour build-up pressure. Recovered 450' of gas cut mud, no oil or water. Halliburton Hydro Pressure in 4200#, out 4000#. Initial Flow Pressure 350#. Final Flow Pressure 750#. 1/4 hour build-up pressure 3450#
- 9-16-50 D.S.T. No. 2 - No test. Found part of packer rubber from previous test still in hole (Total Depth 8018')
- 9-17-50 D.S.T. No. 3 from 8001' to 8018'. 4 hour test on 4½" Drill Pipe with two Packers set at 7993' and 8001'. Perforations from 8002' to 8014' with 5/8" bottom & 1" top chokes. Tool opened at 8:50AM with fair blow of air. Gas to surface in 42 mins. at rate of 6,396 cu ft per day. Closed tool at 12:50PM for 1/4 hour build-up. Recovered 60' of slightly gas cut drlg. mud, no shows of oil, gas or water. Amerada BT Chart In & Out 4000#, Initial & Final Flow Pressure 20#, 1/4 Hour Build-up Pressure 100#
- 9-19-50 D.S.T. No. 4 from 8020' to 8070', 4 hour test on 4½" Drill Pipe with two Packers set at 8012' to 8020'. Perforations from 8021' to 22' and 8052' to 8068'. 5/8" bottom & 1" top chokes. Tool opened at 12:07PM. Gas to surface in 11 mins. Gas Volume first hour at rate of 31549 cu ft per day, second hour at rate of 56,591 cu ft per day, third & fourth hours at rate of 60,196 cu ft per day. Closed tool at 4:07PM for 1/4 Hour Build-Up Press. Recovered 270' of gas cut mud, no oil or water. Gas had slight rotten odor. Amerada BT Chart Hydro In 4030#, out 3940# Initial & Final Flow Pressure 80#, 1/4 Hour Build-up Pressure 1050#
- 9-21-50 D.S.T. No. 5 from 8070' to 8107', 1-1/2 hour test on 4½" Drill Pipe with two Packers set at 8062' to 8070'. Perforations from 8071' to 8104'. 5/8" bottom & 1" top chokes. Tool opened at 12:25PM with fair blow of air for 30 mins and died. Closed tool at 1:55PM for 1/4 Hour Build-Up Pressure. Recovered 60' of Drlg. Mud, no oil, gas or water. Amerada BT Chart Hydro In 4650#, Out 4530# Initial Flow Pressure 50#, Final Flow Pressure 0#, 1/4 Hour Build-Up Pressure 0#
- 9-22-50 D.S.T. No. 6, no test. Tool stopped 20' off bottom
- 9-23-50 D.S.T. No. 7 from 8109' to 8136' - No test, packers failed to hold Recovered 630' of Drlg. Mud
- 9-23-50 D.S.T. No. 8 from 8099' to 8136', 1 hour & 10 min. test on 4½" Drill Pipe. Two Packers set at 8091' & 8099'. 5/8" bottom & 1" top chokes. Tool opened at 4:35AM with fair blow of air that gradually decreased and died in 10 mins. Closed tool at 5:45AM for 1/4 Hour Build-Up Pressure. Recovered 30' Drlg. Mud, no oil gas or water. Halliburton Hydro Pressure In 4500#, Out 350# No flow or build-up pressures. Amerada's BT Chart failed.
- 9-26-50 D.S.T. No. 9 (Had 8' of caving in hole) Touched bottom and tool opened, but would not close. Tool leaked coming out of hole. Recovered 2880' drlg. mud, 900' of slightly gas cut drlg. mud on bottom. No pressures

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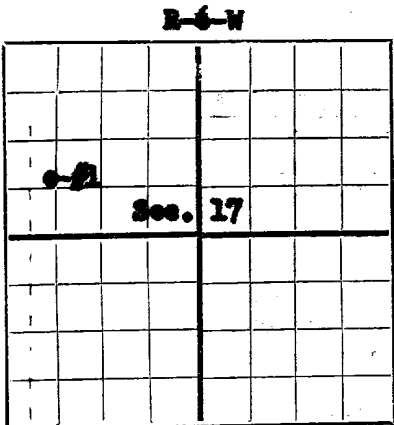
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AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Amerada Petroleum Corporation **Drawer D, Monument, New Mexico**
Company or Operator Address
Allison Unit Well No. **1** in **C/30 1/4 NW 1/4** of Sec. **17** T **32-N**
Lease
R. **6-W** N. M. P. M. **Wildcat** Field, **San Juan** County.
Well is **1980** feet south of the North line and **4620** feet west of the East line of **Section 17**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **C. H. Nye, et al** Address **Astec, New Mexico**
If Government land the permittee is Address
The Lessee is **Amerada Petroleum Corporation** Address **Box 2040, Tulsa 2, Oklahoma**
Drilling commenced **July 18,** 19 **50** Drilling was completed **October 23,** 19 **50**
Name of drilling contractor **Creekmore Drilling Company** Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **6539** feet.
The information given is to be kept confidential until **Not Confidential** 19

OIL SANDS OR ZONES

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

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
16"	65. #	8-V	L.W.	465'	Guide				
10-3/4"	40.5#	8-Rd.	S.S.	3545'	Guide				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
19-1/4"	16"	465'	500	Halliburton		
13-3/4"	10-3/4"	3545'	500	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
			None			

Results of shooting or chemical treatment

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 8660 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **Temporarily Abandoned** 19
The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % 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

EMPLOYEES

Gene Day Driller **J. O. Miller** Driller
J. D. Slumwood Driller Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **30th** **Monument, New Mexico** **October 30, 1950**
day of **October**, 19 **50**
Name **Don Toppa**
Position **Assistant District Superintendent**
Representing **Amerada Petroleum Corporation**
Company or Operator
Address **Drawer D, Monument, New Mexico**
Notary Public
My Commission expires **10-24-53**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar
18	80	62	Sand & Shells
80	385	305	Sand
385	475	90	Sand & Shale
475	480	5	Shale
480	595	115	Sand & Shells
595	620	25	Sand
620	650	30	Shale & Shells
650	685	35	Sand
685	705	20	Sand & Shale
705	760	55	Shale
760	965	205	Sand & Shale
965	980	15	Sand
980	1050	70	Shale
1050	1075	25	Sand
1075	2200	1125	Sand & Shale
2200	2220	20	Sand
2220	2315	95	Sand, Shale & Bentonite
2315	2330	15	Sand & Shale
2330	2354	24	Shale & Gyp
2354	23 98	44	Shale & Sand
2398	2455	57	Sand & Gyp
2455	2468	13	Sand
2468	2500	32	Sand & Gyp
2500	2688	188	Sand & Shale
2688	2710	22	Shale
2710	2719	9	Sand & Shale
2719	2759	40	Sand
2759	2970	211	Sand & Shale
2970	3030	60	Sand, Shale & Coal
3030	3072	42	Sand & Shale
3072	3131	59	Sand, Shale & Coal
3131	3230	89	Sand & Shale
3230	3280	50	Sand
3280	3370	90	Sand & Shale
3370	3545	175	Shale
3545	3845	100	Sand & Shale
3845	5200	1355	Sand & Shale
5200	5678	478	Shale
5678	5685	10	Sand
5685	5748	63	Sand & Shale
5748	5976	228	Shale
5976	6042	66	Shale & Sand
6042	6100	58	Shale
6100	6214	114	Shale & Sand
6214	6282	68	Shale
6282	63 22	40	Shale & Shells
6322	6392	70	Shale
6392	6475	83	Shale & Sand
6475	7250	775	Shale
7250	7335	85	Shale & Sand
7335	7747	412	Shale
7747	7849	102	Sand & Shale
7849	7970	121	Shale
7970	8164	194	Sand & Shale
8164	8310	146	Sand, Shale & Chert
8310	8464	154	Shale & Sand
8464	8513	49	Sand
8513	8660	147	Sand & Sandy Shale
	8660		Total Depth

TOTALS
SLOPE TESTS

100'	1/4 Deg.
230'	1/4 "
460'	1/4 "
695'	1/4 "
990'	1/4 "
1245'	3/4 "
1350'	1/2 "
1600'	1/2 "
1905'	1/2 "
2125'	3/4 "
2450'	3/4 "
2650'	3/4 "
3475'	1/4 "
3 720'	1/4 "
4140'	0 "
4620'	0 "
5150'	1/4 "
5400'	1/4 "
5640'	1-3/4 "
5740'	1- "
5810'	1-1/4 "
6140'	1/2 "
6595'	1/2 "
6835'	1/4 "
7330'	0 "
7740'	1/4 "
8460'	1/2 "