

DRILL STEM TESTS

9770'-9803', op 4 hrs., 9 mins., gas up in 4 mins., mud in 6 mins., oil in 9 mins. In 4 hours made 295.16 bbls. oil, gas vol. 3,030,300 cu ft per day. Recovered 870' clean oil, no water

9803'-9860', op 4 hrs., 16 mins., gas up in 4 mins., mud in 13 mins., oil in 16 mins. In 4 hours made 166.98 bbls. oil, gas vol. 1,883,700 cu ft per day. Recovered 900' of clean oil, no water

9860'-9886', op 4 hrs., 10 mins., gas up in 3 mins., mud in 6 mins., oil in 10 mins. In 4 hours made 236.08 bbls. oil, Gas Vol. 2,502,950 cu ft per day. Recovered 1030' clean oil, no water.

9886'-9906', op 4 hrs., 12 mins., gas up in 3 mins., mud in 8 mins., oil in 12 mins. In 4 hours made 220.11 bbls. oil, gas vol. 2,211,300 cu ft per day. Recovered 1000' of clean oil, 440' of drlg. mud.

Introduction

The purpose of this report is to provide a comprehensive overview of the current state of the art in the field of artificial intelligence, with a particular focus on the development and application of deep learning algorithms.

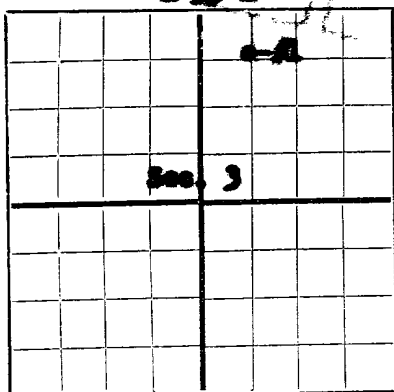
This report is organized into several sections, each of which will explore a different aspect of the field. The first section will provide a brief history of artificial intelligence, while the second section will focus on the development of deep learning algorithms.

The third section will discuss the application of deep learning algorithms in various domains, including computer vision, natural language processing, and robotics. The fourth section will provide a summary of the key findings of the report.

Finally, the fifth section will provide a conclusion and a list of references. The report is intended to be a valuable resource for anyone interested in the field of artificial intelligence, and it is hoped that it will provide a clear and concise overview of the current state of the art.

RECEIVED

DEC 28 1950

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New MexicoAREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Amerada Petroleum Corporation

Drawer D, Monument, New Mexico

State 8 "D" Company or Operator Well No. 1 in C/M/A M/A of Sec. 3, T. 15-S

R. 13-E Lease Saunders Field, Lea County.

Well is 660 feet south of the North line and 1900 feet west of the East line of Section 3

If State land the oil and gas lease is No. B-2116 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Amerada Petroleum Corporation Address Box 2040, Tulsa 2, Oklahoma

Drilling commenced October 13, 1950 Drilling was completed December 17, 1950

Name of drilling contractor Parker Drilling Company Address Tulsa, Oklahoma

Elevation above sea level at top of casing 4192 feet.

The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 9776' to 9900' 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 FROM TO		PURPOSE
11-3/4"	47. #	8-24.	S.S.	313'	Guide				
7-5/8"	26.4#	8-24.	S.S.	4246'	Fleet				
5-1/2"	17. #	8-24.	S.S.	9906'	Fleet		9670'	9675'	4 Shots Per Ft.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	11-3/4"	313'	275	Halliburton		
9-3/4"	7-5/8"	4246'	1900	Halliburton		
6-3/4"	5-1/2"	9906'	600	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
		Dowell Mud Acid	500 Gal.	12-23-50	9670' to 9675' - Perforations	

Results of shooting or chemical treatment. Flowed 626.62 bbls. oil, no M, no water, in 24 hours through a 2 1/4" choke, T.P. 900#, C.P. 550#, Gas volume 1,351,450 cu ft. per day, GR 1635, Corrected Gravity 44.6.

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 9906 feet, and from feet to feet

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

PRODUCTION

Put to producing December 12, 1950

The production of the first 24 hours was 626.62 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be. 44.6

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

L. R. Williams Driller J. B. Hamilton Driller

E. E. Davis 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 27th

day of December, 1950

W. P. Smith

Notary Public

My Commission expires 10-11-54

Monument, New Mexico December 27, 1950

Place

Date

Name Don Tapp

Position Assistant District Superintendent

Representing Amerada Petroleum Corporation

Company or Operator

Address Drawer D, Monument, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Cellar
6	220	214	Sand & Gravel
220	300	80	Red Sand, Sand & Shale
300	1610	1310	Sand & Shale
1610	1690	80	Sand, Anhydrite & Shale
1690	2710	1020	Shale, Anhydrite & Salt
2710	3230	520	Shale, Anhydrite & Sand
3230	3500	270	Shale & Anhydrite
3500	4020	520	Shale, Anhydrite, Sand & Salt
4020	4200	180	Shale, Anhydrite, Sand & Dolomite
4200	5990	1790	Dolomite & Anhydrite
5990	5630	60	Limestone & Dolomite
5630	5740	90	Dolomite & Anhydrite
5740	6490	750	Dolomite, Sand & Anhydrite
6490	7780	1290	Dolomite & Anhydrite
7780	8230	450	Shale, Dolomite & Anhydrite
8230	9130	900	Dolomite & Anhydrite
9130	9190	60	Chert & Dolomite
9190	9390	200	Chert, Dolomite & Limestone
9390	9906	516	Limestone, Shale & Chert
	9906		Total Depth
	9900		Drilled Out Depth
GEOLOGICAL DATA			
Top Anhydrite	1542'		
Top Salt	1640'		
Base Salt	2499'		
Top Yates	2649'		
Base Yates	2813'		
Top Artesia Red Sand	3448'		
Top San Andres	4180'		
Base San Andres	5712'		
Top Padlock	6026'		
Top Clear Fork	6432'		
Top Abo	7772'		
Top Wolf Camp	9107'		
Top Pennsylvanian	9305'		
SLOPE TESTS			
203'	3/4	Deg.	
800'	1/2	"	
1310'	3/4	"	
1360'	1/2	"	
1615'	1-	"	
2210'	1/2	"	
2460'	1-1/2	"	
2700'	1-1/2	"	
2990'	3/4	"	
3230'	1/2	"	
3477'	1-3/4	"	
3663'	1	"	
3790'	1	"	
3840'	3/4	"	
3970'	1/4	"	
4045'	1/2	"	
4120'	1/2	"	
4175'	3/4	"	
4240'	1-1/2	"	
4490'	1	"	
4600'	1	"	
4719'	1	"	
5000'	3/4	"	
5195'	3/4	"	
5915'	1/4	"	
6200'	1/2	"	
6215'	1/4	"	
7365'	1/2	"	
7747'	1/4	"	
8230'	1-	"	
8760'	2-1/4"	"	
9035'	2-	"	
9495'	1-1/2	"	
9745'	1-	"	