

# FILE NOTATIONS

Entered in NID File   
 Entered On S R Sheet   
 Location Map Pinned   
 Card Indexed   
 W.R. for State or Fee Land

Checked by Chief   
 Copy NID to Field Office   
 Approval Letter   
 Disapproval Letter

## COMPLETION DATA:

Date Well Completed 7-2-58  
 OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
 BW \_\_\_\_\_ OS \_\_\_\_\_ PA

Location Inspected \_\_\_\_\_  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log 7-2-1-58  
 Electric Logs (No. ) 2

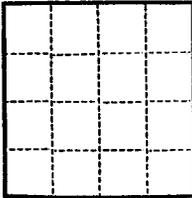
E \_\_\_\_\_ I \_\_\_\_\_ E-I  GR \_\_\_\_\_ GR-N \_\_\_\_\_  
 Lat \_\_\_\_\_ Mi. L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

*Sub. [Signature]*

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P. & A. or operations suspended

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- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. U-013050A  
Unit Montezuma Creek Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

\_\_\_\_\_ May 13 \_\_\_\_\_, 1958

Well No. 1 is located 660 ft. from  $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$  line and 660 ft. from  $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$  line of sec. 22

NE NW, Sec. 22      36S      24E      Salt Lake Meridian  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Wildcat      San Juan      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. **Will be furnished later.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached sheet

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Kingswood Oil Company

Address First National Building

Oklahoma City, Oklahoma

Sub-Contractor under Pan American  
Petroleum Corporation Farmout Contract  
dated 4-28-58

By Ben Sp...

Title Chief Clerk

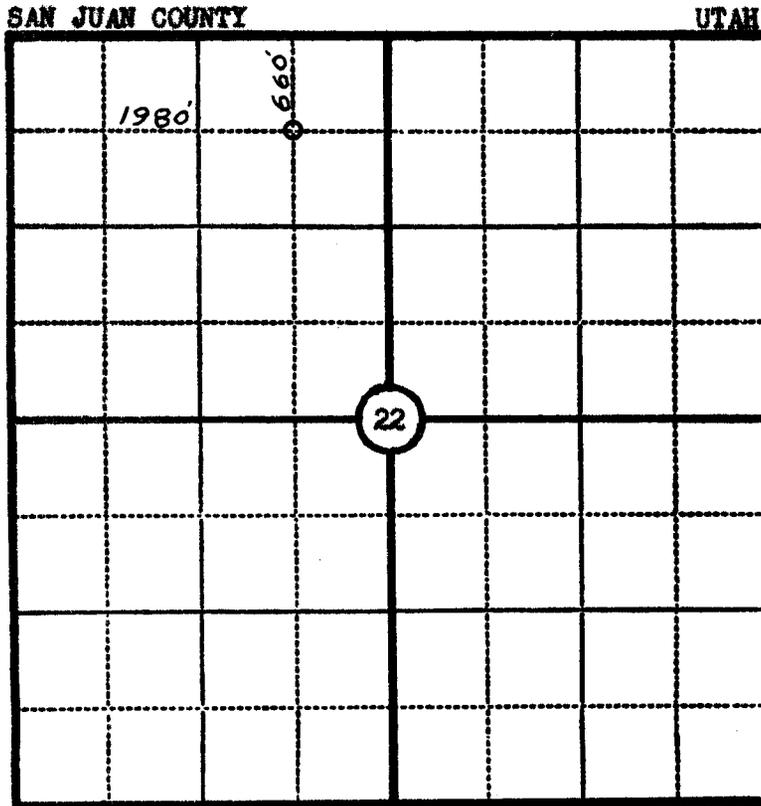
Company.....KINGWOOD OIL COMPANY.....

Lease..... Well No.....

Sec. 22....., T. 36 SOUTH....., R. 24 EAST S.L.M.....

Location 660' FROM THE NORTH LINE AND 1980' FROM  
THE WEST LINE.

Elevation 6083.76 UNGRADED GROUND.....



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*James P. Leese*

Registered Land Surveyor.

JAMES P. LEESE

UTAH REG. NO. 1472

Surveyed 14 MAY....., 1958.....

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

U.S.-DALTON #1

Location: 660' South; 660' West of NE Corner of NE NW, Section 22-36S-24E, San Juan County, Utah.

Elevation: 6087' Ground.

Geologic name of surface formation: Morrison.

Drilling & casing plan: It is proposed to drill to the Paradox, expected to be encountered at approximately 6400' and set casing through same.

Type of rig: Rotary.

Proposed depth: 6500'.

Estimated depth to top of important markers:

Entrada, 524'	Kayenta, 1431'	Shinarump, 2509'	Ismay zone of Hermosa, 5897'
Carmel, 624'	Wingate, 1599'	Moenkopi, 2604'	Desert Creek zone of Paradox, 6034'
Navajo, 874'	Chinle, 1869'	Hermosa, 4659'	

Estimated depths of possible water bearing formations:

Entrada, 524'	Shinarump, 2509'
Navajo, 874'	Ismay zone of Hermosa, 5897'
Wingate, 1599'	

Estimated depths of possible oil-bearing formations:

Ismay zone of Hermosa, 5897'
Desert <sup>Creek</sup> zone of Paradox, 6034'

Casing: a 75' conductor string of 13-3/8", 35.6# casing will be set and cemented to surface. 9-5/8", 36# surface casing will be set between 400' and 1600', depending on depths at which fresh water is encountered, and cemented to surface. 5 1/2", 14# & 15.5# casing will be set through the Paradox and cemented with 500sacks. 2" tubing will be used if well is productive.

Drill Stem Tests: It is proposed to drill stem test the Paradox.

Drilling in with oil: Not contemplated.

Using reverse circulation: Not contemplated.

Coring: It is proposed to core the Paradox.

Perforating opposite pays: It is proposed to perforate opposite pay zone using 4 jets per ft.

Type of mud to be used: Commercial gels and additives. May use some crude oil in the mud.

Electric logging: Electric log and microlog will be run.

May 19, 1958

Kingwood Oil Company  
302 Mile High Center  
Denver, Colorado

Gentlemen:

It has come to the attention of this office that you intend to drill Well No. Federal 1, in the 0 NE NW of Section 22, Township 16 South, Range 24 East, SLRM, San Juan County, Utah.

Enclosed herewith is a copy of our rules and regulations and some of our forms.

Please be advised that it will be necessary for you to obtain the approval of this Commission prior to spudding in. Your attention is directed to Rule C-3 and C-4 of the rules and regulations.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

OLEON B. FREIGHT  
SECRETARY

CRF:en

cc: Pan American Petroleum  
Rangely,  
Colorado

# KINGWOOD OIL COMPANY

FIRST NATIONAL BUILDING  
OKLAHOMA CITY 2, OKLAHOMA

May 19, 1958

State of Utah  
Oil & Gas Conservation Commission  
Salt Lake City, Utah

Gentlemen:

Enclosed are two copies of Notice of Intention to Drill on Federal land our U.S.-Dalton #1 well together with two copies of plat of the location.

Very truly yours,

KINGWOOD OIL COMPANY

  
Ben Spain

KINGWOOD OIL COMPANY  
First National Building  
Oklahoma City, Oklahoma

May 22, 1958

TO ALL CONCERNED:

The well formerly designated U.S.-Dalton #1, NE NE,  
Section 22-36S-24E of the Salt Lake Meridian, San Juan County,  
Utah, will hereafter be designated Montezuma Creek Unit #2.

Please change your records accordingly.

Very truly yours,

KINGWOOD OIL COMPANY



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Ben Spain

May 22, 1958

Kingwood Oil Company  
First National Building  
Oklahoma City 2, Oklahoma

Attention: Ben Spain, Chief Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. U. S. Dalton 1, which is to be located 660 feet from the north line and 660 feet from the east line of Section 22, Township 36 South, Range 24 East, S18M, San Juan County, Utah.

Thank you very much.

Please be advised that insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

Under Rule A-3, on Page 1, of the General Rules and Regulations, it is not necessary to obtain the approval of this Commission to drill a well that is within a Federally approved unit agreement, provided that a copy of the unit agreement and all notices that are filed with the U. S. Geological Survey are filed with this office. However, as of yet a copy of the Montezuma Creek Unit Agreement has not been filed.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

GLEON B. FEIGHT  
SECRETARY

GBF:en

cc: Pan American Petroleum  
Rangely, Colorado  
Kingwood Oil Company  
Denver, Colorado

# KINGWOOD OIL COMPANY

FIRST NATIONAL BUILDING  
OKLAHOMA CITY 2, OKLAHOMA

May 23, 1958

Re: AFE 33,059, Montezuma Creek Unit Farnout,  
San Juan County, Utah.

Pan American Petroleum Corporation,  
P.O. Box 238,  
Salt Lake City, Utah.

Attention: Mr. C. E. Brown,  
District Landman.

Gentlemen:

In acknowledging receipt of Kingwood's notice of intention to drill the U.S. Dalton 1 (subsequently changed to U. S. Montezuma Creek Unit #2), located in the center of NE/4 NW/4 Section 22, Township 36 South, Range 24 East, S1EM, San Juan County, Utah, Mr. Cleon B. Feight, Secretary of the Oil & Gas Conservation Commission of the State of Utah, after granting approval to drill the well, appended the following paragraph:

"Under Rule A-3, on Page 1, of the General Rules and Regulations, it is not necessary to obtain the approval of this Commission to drill a well that is within a Federally approved unit agreement, provided that a copy of the unit agreement and all notices that are filed with the U.S. Geological Survey are filed with this office. However, as of yet a copy of the Montezuma Creek Unit Agreement has not been filed." (Emphasis added).

It would appear that a legible copy of, each, the Montezuma Creek Unitization Agreement and the Montezuma Creek Unit Operating Agreement, showing both Federal and State approval, should be filed forthwith with the Oil & Gas Conservation Commission of the State of Utah.

Please let us know promptly what action you take on this.

Yours very truly,



Wirt L. Harris,  
General Counsel.

WLH:mg  
Copy to: ✓ Oil & Gas Conservation Commission,  
Attention: Mr. Cleon B. Feight,  
Secretary.  
Salt Lake City 14, Utah.

Kingwood Oil Company,  
320 Mile High Center,  
Denver, Colorado.

# PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 238  
Salt Lake City 10, Utah

May 27, 1958

Re: AFE 33,059  
Montezuma Creek Unit Farmout  
San Juan County  
U t a h

Utah State Oil and Gas  
Conservation Commission  
State Capitol Building  
Salt Lake City 14, Utah

Attention: Mr. Cleon B. Feight,  
Secretary

Gentlemen:

Reference is made to the telephone conversation May 26, 1958, between Mr. R. J. Sheldon and Mr. Cleon B. Feight. This discussion was deemed advisable to clarify the matter of filing a copy of the Montezuma Creek Unit Agreement with the State Conservation Commission, as discussed in your recent letter to Kingwood Oil Company.

We regret that this step has not been accomplished before this time, and appreciate your consideration in granting approval to Kingwood Oil Co. to drill the test located in the center of NE/4 NW/4 of Section 22, Township 36 South, Range 24 East, S.L.B.M., San Juan County, Utah. This test is designated the U. S. Montezuma Creek Unit #2.

Since Mr. Feight informed us that an unexecuted copy of the Unit Agreement would fully satisfy the Commission's requirement, we are this date requesting our Division office to furnish us a copy thereof so that we might forward it immediately to the Commission.

Kingwood Oil will be notified by carbon copy of our transmittal letter, when the requested Unit Agreement is furnished.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

*C. E. Brown*

C. E. Brown *Ref.*  
District Landman

RJS:sw

cc: Kingwood Oil Co.  
Oklahoma City, Oklahoma  
Attention: Mr. Wirt L. Harris  
Kingwood Oil Co., Denver, Colo.

Form 9-831a  
(Feb. 1951)

	22	

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office .....  
Lease No. U-013090-A  
Unit Montezuma Creek Unit

71-H  
8-11-58

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 7, 1958

Well No. 2 is located 660 ft. from N line and 1980 ft. from W line of sec. 22

22 Sec. 36S 24E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6095 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well plugged as follows:

Filled hole with mud, 6228-4700'.  
65 sacks of cement, 4700-4550'.  
Filled hole with mud, 4550-2670'.  
45 sacks of cement, 2670-2570'.  
Filled hole with mud, 2570-1950'.  
40 sacks of cement, 1950-1850'.  
Filled hole with mud, 1850-1500'.  
40 sacks of cement, 1500-1400'.  
Filled hole with mud, 1400-25'.  
10 sacks of cement, 25' to surface.

Plugging completed 12:00 p.m., 7-2-58.

To erect permanent marker.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Kingwood Oil Company  
First National Building  
Address Oklahoma City, Oklahoma  
Sub-Contractor under Pan American  
Petroleum Corporation Farmout Con-  
tract dated 4-28-58.

By Ben Spain  
Title Chief Clerk



**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 were used from ..... feet to **6228** feet, and from ..... feet to ..... feet

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

**DATES**

....., 19..... Put to producing ....., 19.....

The production for the first 24 hours was ..... 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**

**Drilled by Contractor** ....., Driller ....., Driller

....., Driller ....., Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	389	389	Sand.
389	665	276	Red shale with sand streaks.
665	1237	572	Sand and shale.
1237	1397	160	Red sand and shale.
1397	1641	244	Sand and shale.
1641	1696	55	Red beds and shells.
1696	1883	187	Sand and shale.
1883	2129	246	Sand and red beds.
2129	2290	161	Red beds.
2290	2370	80	Red beds and sand.
2370	2625	255	Red beds.
2625	2807	182	Red beds with sand streaks.
2807	3155	348	Shale and lime.
3155	3263	108	Shale and sand.
3263	3761	498	Shale and lime.
3761	3914	153	Shale, lime and anhydrite.
3914	5148	1234	Shale and lime.
5148	5188	40	Shale, lime and sand.
5188	5265	77	Shale and lime.
5265	5299	34	Lime and chert.
5299	5811	512	Shale and lime.
5811	5966	155	Lime.
5966	6132	166	Shale and lime.
6132	6158	26	Shale and lime.
6158	6222	64	Core #1, 6132-58', recovered 26' of silty shale with anhydrite streaks.
6222			Shale and anhydrite.

[OVER]

8961 I 2 1958

8381 INFORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
1150	1150	0	Driller's T.D., 6222'
1150	1150	0	Schlumberger tops:
1150	1150	0	Hermest 4648'
1150	1150	0	Tommy 5816'
1150	1150	0	Paradox 5957'
1150	1150	0	Devert Creek 5980'
1150	1150	0	Salt 6177'
1150	1150	0	Schlumberger T.D., 6228'

FROM TO TOTAL FEET FORMATION

FORMATION RECORD

Driller's T.D. 6222' Driller's T.D. 6228'

EMPLOYEES

Back logs and ...  
 If ...  
 ...  
 ...  
 ...

VALUES

...  
 ...

TOOLS USED

Size	Weight	Length	Material	Date	Depth used	Depth cleaned out

SHOOTING RECORD

...  
 ...

BUGS AND ADVISERS

...	...	...	...	...

FOOT METER

HISTORY OF OIL OR GAS WELL

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 bailing.

- May 23rd: Spudded 11:00 p.m. Drilled 12 1/2" hole to 110'.
- 24th: Set 2 jts., 70' of 13-3/8" conductor pipe 80' from rotary table. Cemented with 100 sacks, 3% calcium chloride. Job completed 5:15 a.m. Drilled plug at 9:15 p.m. Drig. at 107'.
- 25th: Drig. at 849'.
- 26th: T.D., 1481'. Reaming 12 1/2" hole at 204'.
- 27th: Reaming 12 1/2" hole at 1049'.
- 28th: Reamed to 1471'. Rigged up (run surface csg. OIL OR GAS STRINGS OR COLUMNS)
- 29th: Set 68 jts., 1452' of 9-5/8" surface csg. 1454' from drive bushing. Cemented w/600 sacks of Poz mix, 3% calcium chloride. Job completed 4:00 a.m. W.O.C.
- 30th: W.O.C.
- 31st: Drig. plug at 4:00 a.m. Drig. at 1583' in hard sand.
- June 1st: Drig. at 2290' in red beds.
- 2nd: Drig. at 2586' in red beds and sd.
- 3rd: Drig. at 2897' in red beds and sd.
- 4th: Drig. at 3060' in shale, lm. & sd.
- 5th: Drig. at 3263' in shale and sd.
- 6th: Drig. at 3437' in lime & shale.
- 7th: Drig. at 3591' in sand and lime.
- 8th: Drig. at 3761' in shale, lm. & anhydrite
- 9th: Drig. at 3914' in shale and lime.
- 10th: Drig. at 4037' in shale and lime.
- 11th: Drig. at 4212' in shale and lime.
- 12th: Drig. at 4353' in lime and shale.
- 13th: Drig. at 4519' in shale and lime.
- 14th: Drig. at 4685' in shale and lime.
- 15th: Drig. at 4788' in shale and lime.
- 16th: Drig. at 4930' in shale and lime.
- 17th: Drig. at 5032' in shale and lime.
- 18th: Drig. at 5148' in shale, lm. & sd.
- 19th: Drig. at 5265' in lime and chert.
- 20th: Drig. at 5389' in shale & lime.
- 21st: Drig. at 5419' in shale & lime.
- 22nd: Drig. at 5504' in shale & lime.
- 23rd: Drig. at 5586' in shale & lime.
- 24th: Drig. at 5672' in shale & lime.
- 25th: Drig. at 5744' in shale & lime.
- 26th: Drig. at 5810' in lime & shale.
- 27th: Drig. at 5842' in lime & shale.
- 28th: Drig. at 5946' in shale & lime.
- 29th: Drig. at 6030' in shale & lime.
- 30th: Cored 6132-58', recovered 26' of silty shale with anhydrite streaks. Drilling ahead.
- July 1st: Drig. at 6220' in shale & anhydrite
- 2nd: Driller's T.D., 6222'. Ran Schlumberger electrical log. Schlumberger T.D., 6228'. Filled hole with mud, 6228-4700'; 65 sacks of cement, 4700-4550'; mud, 4550-2670'; 45 sacks of cement, 2670-2570'; mud, 2570-1950'; 40 sacks of cement, 1950-1850'; mud, 1850-1500'; 40 sacks of cement, 1500-1400'; mud, 1400-25'; 10 sacks of cement, 25' to surface. Plugging completed 12:00 p.m. 7/27/58.

LOG OF OIL OR GAS WELL

9th	Drig. at 3914'	in shale and lime.
10th	Drig. at 4037'	in shale and lime.
11th	Drig. at 4212'	in shale and lime.
12th	Drig. at 4353'	in lime and shale.
13th	Drig. at 4519'	in shale and lime.
14th	Drig. at 4685'	in shale and lime.
15th	Drig. at 4788'	in shale and lime.
16th	Drig. at 4930'	in shale and lime.
17th	Drig. at 5032'	in shale and lime.
18th	Drig. at 5148'	in shale, lm. & sd.

GEOLOGICAL SURVEY  
DEPARTMENT OF THE INTERIOR  
UNITED STATES

PERMITS OF BUREAU TO PROSPECT  
SERIAL NUMBER 15-017020V  
U. S. LAND OFFICE

Form 613-15-31-00  
Revised 10-15-1957

6158	6222	64	with anhydrite streaks. Shale and anhydrite.
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(OVER)

MINING AND DRILLING RECORD - CONTINUED  
1958