

RECEIVED

NOV 30 1970

COLORADO OIL & GAS CONSERVATION COMMISSION



November 27, 1970

Mr. Rex Monahan  
Box 1231  
Sterling, Colorado 80751

Re: Dallegge #1-29  
SWSE-Section 29-T12N-R52W  
Logan County, Colorado

Dear Mr. Monahan:

This letter will confirm our telephone conversation of this date, at which time it was agreed that you would file a Form 10 (Change of Operator) with the Colorado Oil and Gas Conservation Commission on the captioned well. Subsequent reports to the State (such as Forms 4 and 5) will also be filed by you.

By copy of this letter to the State, we are forwarding one (1) set of the logs run.

If we can be of further assistance, do not hesitate to contact us.

Kindest regards,

*Jo Wright*  
JO WRIGHT

DVR	<input checked="" type="checkbox"/>
FJP	<input checked="" type="checkbox"/>
HHM	<input checked="" type="checkbox"/>
JAM	<input checked="" type="checkbox"/>
JJD	<input checked="" type="checkbox"/>

jaw

cc: Colorado Oil and Gas Conservation Commission  
237 Columbine Building  
1845 Sherman Street  
Denver, Colorado, 80203

RECEIVED  
NOV 30 1970

COLO. OIL & GAS CONS. COMM.

COMPANY: Edward Mike Davis

WELL: #1-29 Dallegge

FIELD: Wildcat

LOCATION: C SW SE Section 29-T12N-R52W  
Logan County, Colorado

ELEVATION: 4520 Ground  
4526 KB

SURFACE CASING: 122 feet (3 joints) of 8-5/8" x 24#, H-40,  
8 round, S.T.&C. Set at 128 feet K.B.  
Measurements with 80 sacks cement and 3%  
calcium chloride. Plug down 12:30 p.m.,  
October 27, 1970.

ELECTRICAL SURVEYS: Schlumberger  
Induction Electric Log - 128 to 5323  
Sonic-Gamma Ray - 5000 to 5322

DATE COMMENCED: October 27, 1970

DATE COMPLETED: November 1, 1970

STATUS: To be completed as a gas well

FORMATION TOPS:

Niobrara	4311
Fort Hays	4560
Codell	4645
Carlile	4654
Brown Lime	5017
"D" Sandstone	5113
"J" Sandstone	5231
Total Depth	5323

NOV 30 1970

COLO. OIL &amp; GAS CONS. COMM.

DST #1 - Straddle Test - 5130-5140 - Total Depth 5323

Pre-Flow Period --

Initial Open: 20 minutes - Opened with a strong blow; gas to surface in three (3) minutes. Initial Shut-in: 30 minutes

Initial Flow Pressure - 306 psi

Final Flow Pressure - 306 psi

Shut-in Pressure - 837 psi

Final Flow Period --

Open: One (1) hour - Opened with a strong blow; gas to surface immediately. Measured 41 pounds on 1½" choke; estimated 2,025,000 cubic feet of gas per day; light spray of mud after 40 minutes.

Recovered 60 feet of water. Shut-in: 30 minutes

Initial Flow Pressure - 279 psi

Final Flow Pressure - 412 psi

Shut-in Pressure - 837 psi

Hydrostatic Pressure - 3164 psi.

NOTE: Pressure charts indicate both the flow and shut-in pressure curves were building slightly.

LITHOLOGY SECTION

"D" Sand

- |              |  |
|--------------|--|
| 5113-17 (4') | Sandstone very fine grain to fine grain, fair porosity and permeability, even stain and fluorescence.                              |
| 5120-22 (2') | Sandstone very fine grain with carbonaceous shale inclusions, some irregular oil stain and fluorescence.                           |
| 5125-28 (3') | Sandstone very fine grain with carbonaceous shale inclusions, some irregular oil stain and fluorescence.                           |
| 5134-38 (4') | Sandstone very fine grain with white clay matrix, some porosity and permeability, no visible oil stain and fluorescence. Gas sand. |

5138-80 (42')

Sandstone very fine grain with numerous shale laminations, tight to very slight porosity and permeability, no show, no fluorescence.

"J" Sand

5238-44 (6')

Sandstone very fine grain to fine grain with porosity and permeability, no show, no fluorescence.

5252-84 (32')

Sandstone very fine grain to fine grain with porosity and permeability, white clay matrix, no show, no fluorescence.

#### SURVEYS

<u>Depth</u>	<u>Degree</u>
1000 feet	1/2°
2000 feet	3/4°
3000 feet	1°
4000 feet	1/4°
4580 feet	3/4°

#### MUD DATA

While Drilling "D" and "J" Sands

Weight	9.5 lbs./gal.
Viscosity	75 seconds
Water Loss	4 cc.
Filter Cake	2/32 inch
pH	8.5

The basic mud was a low pH caustic-quebracho mud. Large quantities of water and sodium tetraphosphate were used in the upper hole to maintain a thin, light weight drilling fluid for rapid penetration. At 4200 feet, the hole was mudded-up and 1600 gallons of diesel was added. The above mud properties were maintained while drilling the "D" and "J" Sands and for logging and testing.

#### BIT RECORD

<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>Footage</u>	<u>Feet</u>	<u>Hours</u>
12-1/4"	Security	S3	0-136	136	4
7-7/8"	Security	S3	136-3400	3264	22
7-7/8"	Security	S3	3400-4581	1181	13
7-7/8"	Security	S3	4581-5157	576	13-3/4
7-7/8"	Security	M4N	5157-5323	166	13