

ROBERT M. DAHLGREN
1080 69th Street
Boulder, Colorado 80303
499-2616

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COLO. OIL & GAS CONS. COMM.

GEOLOGICAL REPORT

A.T. Skaer
2 Ramey
C SW NW Section 21-T9N-R53W
Logan County, Colorado

By: Robert Dahlgren
Consulting Geologist

WELL DATA SUMMARY

OPERATOR: A.T. Skaer

LEASE: 2 Ramey

LOCATION: C SW NW Section 21-T9N-R53W
Logan County, Colorado

ELEVATION: 4162 GL, 4171 KB

SPUD: 4-9-76

COMPLETED: 4-15-76

CASING: 1. 3 jts. 8-5/8" 124.8' set at 134.8 KB with
110 sacks cement.

CORES: 1. 5209 - 5259

DST'S: None

ELECTRIC LOGS: None

TOTAL DEPTH: Driller 5259

RIG TYPE: U-34, double

CONTRACTOR: Exeter, rig #5

PUSHER: Bob Fisher

MUD: Plains Mud Co., gel & chemicals

SAMPLES: Discarded

STATUS: D & A, 10 sacks top 15 sacks in bottom of surface pipe
as per instructions from Colorado Oil & Gas Conservation
Commission.

CHRONOLOGICAL SUMMARY

4-9-76 MIRU, spudded, set surface, plug down 7:00 PM, W.O.C. 7:00 PM to 10:00 PM, drlg. plug 10:00 PM to 10:15 PM, drilling out 10:15 PM to 11:00 PM.
4-10-76 Drilling 1500' at 7:00 AM, trip for bit #2.
4-11-76 3550' at 7:00 AM finish trip for bit, drlg., mud up, work on low drum clutch & weld mud line.
4-12-76 Drlg. 4545' at 7:00 AM, work on mud line, trip for bit and look for hole in pipe, found hole 17 stds. down, finish trip, strap pipe no correction, drlg., pick up 5 jts. wt. pipe, drlg.
4-13-76 Drlg. 4967' at 7:00 AM, drlg., trip for new bit, pick up 5 jts. of wt. pipe, drlg., trip for bit #5.
4-14-76 5066', finish trip for bit, reached core pt. 5209' at 2:15 PM, trip out for core barrel, pick up core barrel, trip in with core barrel 9:00 PM, commenced coring 2:00 PM
4-15-76 5257' TD at 5:00 AM, core on bank at 7:00 AM, well plugged and abandoned.

BIT RECORD

<u>BIT NO.</u>	<u>MFGR.</u>	<u>SIZE</u>	<u>TYPE</u>	<u>DEPTH OUT</u>	<u>FTGE.</u>	<u>HOURS</u>
1	Smith	7-7/8	DTJ	3001'	2864	20
2	Smith	7-7/8	DTJ	4545'	1544	20-3/4
3	Smith	7-7/8	DTR	4947'	402	13 1/4
4	Sec.	7-7/8	M4N	5066'	119	15 1/2
5	Sec.	7-7/8	S4T	5209'	143	11-3/4

DEVIATION

<u>Depth</u>	<u>Degrees</u>
626	1/8
1124	1/8
1625	1/8
2128	1-3/4
2626	3/4
3002	2
3500	1 1/4
3874	1
4340	3/4
4545	0
4947	1 1/4
5066	3/4

CORE DESCRIPTION

Core 1 5209-5259, Cut 50' Rec. 50'

- 5209 - 5213 (4') Sdst., wht., fg., friable, sr., porous, no shows, water wet.
5213 - 5214 (1') Sdst., as above w/few sh. nodules.
5214 - 5218 (4') Sdst., wht., fg-mg., sr., cln., porous, friable, no shows.
5218 - 5221 (3') Sdst., wht., fg-mg., sr., cln., porous, friable, sli shly., no shows.
5221 - 5227 (6') Sdst., gray, fg., sr., friable, porous, no shows, water wet.
5227 - 5230 (3') Shale, dk. gr..
5230 - 5232 (2') Sdst. & shale interlaminated, no shows.
5232 - 5234 (2') Reworked sdst. & shale w/scatt. blk oil shows.
5234 - 5235 (1') Sdst. & shale reworked, no shows.
5235 - 5236 (1') Sdst & shale reworked, scatt. blk oil shows in sdy. strks., tight.
5236 - 5237 (1') Sdst., blk., fg., sr., tight, sat. w/blk oil, V.F. bldg. blk oil.

5237 - 5240 (3') Sdst. & shale reworked, cf., no shows.
5240 - 5243 (3') Sdst. & shale reworked, cf., sli inc. in sand content, no shows.
5243 - 5244 (1') Sdst., blk-brn., fg., sr., friable, stnd. throughout w/blk. oil, bldg. sli, porous.
5244 - 5246 (2') Sdst., as above, sli reworked w/shale, oil shows as above.
5246 - 5247 (1') Siltst., gray.
5247 - 5248 (1') Siltst., gray w/pebble cgl. w/sli. shows of blk oil.
5248 - 5250 (2') Siltst., gray.
5250 - 5252 (2') Siltst., gray - blk..
5252 - 5253 (1') Siltst., gray, shly..
5253 - 5257 (4') Siltst., gray.
5257 - 5259 (2') Siltst. & shale reworked.

SAMPLE DESCRIPTIONS

Ditch samples were collected at 10' intervals from 4800' to the top of the Core at 5209'. The samples were examined under the ultraviolet light and microscope for purposes of identification, determination of reservoir quality, and indications of oil and gas.

- 4800 - 4820 Shale, dk. gr..
4820 - 4830 Sdst., gray, vfg., cln., low to no vis. poro, no shows.
4830 - 4855 Sdst., gray, mg-fg., sr., cln., porous, no shows.
4855 - 4900 Shale, dk. gr..
4900 - 4925 Siltst., brn-blk..
4925 - 4965 Sdst., wht., mg., sr., cln., vis. poro., no shows.
4965 - 4975 Trace sdst., translucent, mg., sr.-sa., cln., poro., vis. stn & fl., fair cut.
4975 - 4985 Sh. cavings.
4985 - 4995 Trace sdst., transl., mg., sr - sa., cln., porous, vis. stn. & fl., some cf..
4995 - 5145 Sh. dk. gr., siltst., dk. gr.
5145 - 5155 Sdst., gray-wht., mg., sr., cf., low to no poro., no shows.
5155 - 5190 Sh. dk. gr., sh., dk. gr., sdy.

SAMPLE DESCRIPTIONS (Cont.)

5190 - 5200 Sdst., gray, mg., sr., cln., porous, scatt. globules of blk oil,
fl. upon solvent application.
5200 - 5209 Sdst., wht-gray, mg., sr., cln., vis. poro., no shows.

FORMATION SAMPLE TOPS

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>
"D" Sand	4820	-649'
"J" Sand	4924	-753'
Skull Creek	5000	-829'
"M" Sand		
O ₁ Sand	5190	-1019'
O ₂ Sand	5232	-1061'
Total Depth	5259	

REMARKS

The Skaer 2 Ramey well was drilled to develop the "O₂" Sand producing area established by the British American 1 Ramey in Section 21-T9N-R53W and the W. C. McBride, Inc. 1 R.W. Davis Section 29-T9N-R53W. The Skaer well penetrated minor shows of oil in an impermeable "O₂" Sand interval consequently the well was plugged and abandoned in accordance with the rules and regulations of the Colorado Oil and Gas Conservation Commission.

Respectfully submitted.

Robert M. Dahlgren
Robert M. Dahlgren (by P.M.)