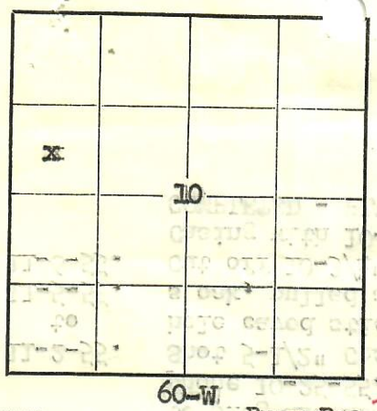
OGCC—Form 2



Loca... Well Correctly

F... triplicate on Fee and Patented lands and in q... ruplicate on State and School lands, with
OFFICE OF DIRECTOR
OIL AND GAS CONSERVATION COMMISSION,
STATE OF COLORADO

5

LOG OF OIL AND GAS WELL

Field Busy Bee Company Sinclair Oil & Gas Company
County ADAMS Address P. O. Box 9, Fort Morgan, Colorado
Lease Mosbarger
Well No. 1 Sec. 10 Twp. 3S Rge. 60W Meridian 6th PM State or Pat. Pat.
Location 1980 Ft. (S) of North Line and 660 Ft. (E) of West line of NW/4 Elevation 5014
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date DEC 7 1955 Signed Irving L Kuhl
Title District Superintendent

The summary on this page is for the condition of the well as above date.
Commenced drilling 12:30 PM 9-2, 19 55 Finished drilling 9-16, 19 55

OIL AND GAS SANDS OR ZONES

No. 1, from DRY HOLE to
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to
No. 2, from to
No. 3, from to
No. 4, from to

CASING RECORD

SIZE	WT. PER FOOT	MAKE	WHERE LANDED	NO. OF SKS. CEMENT	STOOD HOURS	PRESSURE TEST PSI
10-3/4" OD	28.6	Armco Spiral Slip Jt.	204	200	36	200
5-1/2" OD	15.5 & 14	J55 SS R2 8R	6492	200	48	500
		"ABOVE PIPE TALLIED THREADS OFF"				

COMPLETION DATA

Total Depth 6500 ft. Cable Tools from to Rotary Tools from 0 to 6500 TD
Casing Perforations (prod. depth) from 6369 to 6445 ft. No. of holes 64
Acidized with None gallons. Other physical or chemical treatment of well to induce flow 60 Gals. Control-Flow w/
Shooting Record None (8000 Gal. Sand Oil Treatment.

Prod. began Dry Hole 19 . Making bbls./day of . A. P. I. Gravity Fluid on Pump ☐ Choke. ☐
Tub. Pres. lbs./sq. in. Csg. Pres. lbs./sq. in. Gas Vol. Mcf. Gas Oil Ratio
Length Stroke in. Strokes per Min. Diam. Pump in.
B. S. & W. %. Gas Gravity . BTU's/Mcf. . Gals. Gasoline/Mcf.

WELL DATA

Indicate (yes or no) whether or not the following information was obtained.

Electrical Log Yes Date 9-16 19 55
Micro-log Yes Date 9-16 19 55
Time Drilling Record
Core Analysis Yes Depth 6356 to 6283 "D"
6436 to 6460 "J"

Straight Hole Survey Yes Type Sperry Sun
Other Types of Hole Survey Yes Type Caliper
(Note—Any additional data can be shown on reverse side.)

FORMATION RECORD

Show all formations, especially all sands and character and contents thereof.

FORMATION	TOP	BOTTOM	REMARKS
Pierre	0	5554	Shale, light to dark gray, slightly bentonitic, some silt.
Niobrara	5554	5 928	Shale, gray to dark gray, slightly calcareous, bentonitic, containing small white calcareous inclusions, traces of pyrite and aragonite.
Ft. Hays	5928	5950	Limestone, white, chalky.
Codell	5950	5959	Sandstone, white, very fine grained, calcareous, s lightly glauconitic.

(Continue on reverse side)

P+9 ✓

FORMATION RECORD: (CONTINUED)

Carlile	5959 - 6030	Shale, gray to dark gray, fissile, some slightly sandy containing traces of pyrite.
Greenhorn	6030 - 6256	Limestone, gray to brown, shaley, Micro-crystalline, containing numerous Inoceramus prisms, containing interbedded dark gray calcareous shale and thinly bedded bentonite.
Graneros	6256 - 6356	Shale, dark gray, fissile, containing numerous bentonite zones.
"D" Sand	6356 - 6389	Sandstone, white to light gray, fine grained, oil stained, poor visible porosity & permeability, predominantly inter-laminated with gray shale.
Graneros	6389 - 6414	Shale, dark gray to black, fissile, bentonitic.
"J" Sand	6414 - 6500	Sandstone, white, fine grained, very slightly oil stained, good visible porosity and permeability, some interbedded black shale, very hard, quartzitic, slightly glauconitic in uppermost zone.

CORE DESCRIPTIONS: 6356-6396: "D" Sand, Recovered 40'; 8'0" reworked sandstone and shale, sandstone is fine grained, hard and tight, gas odor, no stain and fluorescense. 4'0" sandstone and shale as above, scattered stain, odor and fluorescense. 10'0" sandstone, light gray, fine grained, fair P&P, thin shale laminations, some shale inclusions, slightly friable, good stain, odor and fluorescense, shaley on bottom 4'. 5'6" sandstone, white to light gray, fine grained, hard, tight, no P&P, no shows, appears wet. 12'6" shale, black, fissile.
6403-6430: "J" Sand, Recovered 24'; 3'0" shale, black, 8'0" reworked sandstone and shale, 40% sandstone, sandstone fine grained, hard, tight, slightly glauconitic. 1'0" sandstone, gray, quartzitic with glauconitic laminations. 12'0" black shale.
6430-6460: "J" Sand, Recovered 30'; 4'0" shale, black, fissile, 2'0" sandstone and shale, reworked, sandstone fine grained, no P&P, very shaley at top grading into clean sandstone, 8'0" sandstone, light gray, fine grained, well cemented, clean, no stain or fluorescense, good gas odor, poor to fair P&P, some thin shale laminations. 16'0" sandstone as above, pin point fluorescense throughout, vertical fractures.

DRILL STEM TESTS: 6359-6378' Open 1 hr. 10 Min. good blow immediately, strong in 2 Mins., strong blow throughtout test, gas to surface in 40 Mins., recovered 270' of fluid, 90' of mud, 180' of oil and gas cut mud, flow pressure 0-100#, 15 mins. shut in pressure 1400#. 6438-6460' "J", open 1 hr. shut in 15 Mins., strong blow, no gas, recovered 1020' fluid, 180' mud cut salt water, 840' gas cut salt water, flow press. 500#, shut in press. 1700#, HH 3400#.

SCHLUMBERGER TOPS:

Niobrara	5554	- 540	Ft. Hays	5928	- 914
Codell	5950	- 936	Carlile	5959	- 945
Greenhorn	6030	-1016	"D" Sand	6356	-1342
"J" Sand	6414	-1400			

COMPLETION RECORD:

9-17-55. to 9-20-55.	With TD-6500' ran and cemented 5-1/2" OD casing set @ 6492' with 200-sks., ran Gamma Ray log, PBTD-6422', jet perforated "J" sand 6442-6445' with 12 shots. Set hookwall packer @ 6416' & DST w/ 1/2" Btm. hole choke, open 3-hrs., very weak blow of air, dead in 5 min., unable to swab and fluid out of hole. Pulled test and recovered 100' of slightly gas cut muddy water, no show of oil. Set Baker CI Bridging plug @ 6430' and dumped 1-sks. cement on top. PBTD-6422'.
9-21-55 to 9-28-55.	Jet perforated "D" sand 6369-6382' w/ 52-shots. Loaded hole with oil, set HM Packer @ 6345', swabbed hole dry, sligth show of gas, 10-hrs. Treated "D" sand perforations w/ 60 gals. Control-Flow; 8000 Gals. Sandoil treatment; shut in well for 12 hours; ran tubing, well flowed load oil w/ grind out of 22% BS&W, swabbed and flowed decreasing amounts each day, measured gas at 100 MCF per day.
9-29-55 to 10-3-55.	Moved out Rotary Tools, moved in Swabbing Unit, swabbing load oil & water emulsion; very little gas, fluid level @ 6300'. Swabbed 16 bbls. 36.9 Corr. Grav. oil and 12 bbls. water in 12 hours.
10-24-55.	Loaded hole with mud, set C. I. Bridge Plug @ 6310', pulled tubing, prepare to plug and abandon, per approval Mr. D. V. Rogers to Mr. Troy C. Kadel, phone 10-25-55.
11-2-55. to 11-5-55.	Shot 5-1/2" Casing @ 5384' & 5169', did not free; shot @ 4600' came free, hole caved sticking pipe @ approx. 4000', circulated oil with mud and let s oak, pulled and recovered 151-Jts. 4640' of 5-1/2" OD Casing.
11-6-55.	Cut off 10-3/4" OD Surface Casing 3' below ground level. Plugged top of Casing with 10-sks. cement & welded steel plate over top of Casing. COMPLETED - PLUGGED AND ABANDONED.