

SAMEDAN OIL CORPORATION
#1 Price
C NE $\frac{1}{4}$ NW $\frac{1}{4}$ - 10-T3S-R61W
Adams County, Colorado
Gr. Elev.-5043'
1980' FWL 660' FNL



RECEIVED

JUN 17 1982

COLORADO OIL & GAS CONS. COMM.

Jim
St

- 12-23-74 Moving in Rotary Will rig up, set surface and
Shut down until Thursday
Spud 9 p.m. on 12-23-74 Drlg. 197' hole Set 4 jts.
8-5/8 24# H40 at 183' KB w/160 sx. reg. cement
3% cal cl. PD at 5 a.m. on 24th
Shut down for Christmas
- 12-26-74 Prep to drill out
- 12-27-74 Drlg. at 1770' w/wtr.
- 12-28-74 Drlg. at 3437' w/wtr.
- 12-29-74 Drlg. at 4170' w/wtr. 2194-3/4⁰ 3427'-1/2⁰ 4122-3/4⁰
Broke pump shaft and took 14 hrs. to get auxilliary
- 12-30-74 Drlg. at 5348' w/wtr. 4563-1/2⁰ 5003-1/2⁰
- 12-31-74 Drlg. at 6159' Mud Wt. 9.2 Vis 36 WL 10
Dev. 5517-3/4⁰, 6105'-3/4⁰
- 1-1-75 Drlg. 6513' Mud Wt. 9.3 Vis 48 WL 5.6 Ph 9
FC 2/32
- 1-2-75 Trip out for core bbl at 6733' Dev. 1⁰-6656'
Mud Wt. 9.3 Vis 63 WL 4.3 Nitrates 180 ppm
Spl. Tops D sand 6653 (-1605) J sand 6715(-1667)
- 1-3-75 Coring at 6759' 26' of core Mud Wt. 9.3 Vis 64
two pins out of drill collar elamps were lost on trip
for core bbl. They were not recovered
- 1-4-75 Conditioning hole Prep. to run DST #1 6735-58'
Core #1 Cut 50' Recovered 50'
19' Sand white, V.F. Grain Well cemented Spotty fluor.
5' Sand, white, f. grain, well cemented Bright fluor.
Good gas odor
26' Sand, Light gray, f. grained tight massive shaley
- 1-5-75 6800' Drilling DST #1 Op 30" SI 60" Op 90" SI 90
Recovered 660' gas, 10' V.Sl. wcm 280' drlg. mud
IF-56-93 FF111-130 ISIP 259 FSIP 1163 & still bldg.
MFE Tool 1500 cc v.sl.wcm .06 CFG
- 1-6-75 6890' Ran 1st log 2nd log wouldn't go Coming out of
hole to condition hole to run second log
- 1-7-75 6890' Circulating WOO; Mud 9.7 Vis 115 WL 4.5
Nit. 130 ppm Ran FDC - GR Log; Day Work at 3 am 1-7-75

#1 Price

1

RECEIVED

JUN 17 1982

COLO. OIL & GAS CONS. COMM.

SAMEDAN OIL CORPORATION
#1 Price
C NE $\frac{1}{4}$ NW $\frac{1}{4}$ - 10-T3S-R61W
Adams County, Colorado
Gr. Elev.-5043'
1980' FWL 660' FNL

1-8-75 Running pipe
Late Report-
Casing done and plug down at 1:30 p.m.

1-9-75 Ran 175 joints of 4 $\frac{1}{2}$ " CW55, 10.5# csg. Set at 6826 KB
with 200 sacks 50-50 poz 10% salt 2% CC Plugged down
at 12:30 pm 1-8-75 Bottom plug set at 6826' Float
collar set at 6785'

1-19-75 *Source Completion*
WO workover unit

1-20-75

1-21-75 Rigged up Gibson #40 Swabbed well down Left 3000' FIH
Rigged up Go-International Ran GR-C Log Found fluid at
4120' PBTB at 6755 Ran GR-C Log back to 6500' and picked
collars Well not deep enough Picked up sand pump to try
to drill deeper Made 3 runs with sand pump Recovery was
soft cement Picked up go gun and ran Found PBTB at
6771.5 Perforated J Sand thru 4 $\frac{1}{2}$ " casing 6752-6758 with
2 SPS Shut down for nite - Job completed at 5 PM

1-22-75 Prep to swab

1-23-75 Testing Rigged up swab Found fluid level at 4120 (no
fill up) Swabbed as follows:

TIME	FLUID	REMARKS
9:00	4120	Swabbed down
10:00	None	1000' gas ahead of swab
11:00	None	1000' gas ahead of swab
12:00	30' (40% oil)	1000' gas ahead of swab
	Swabbing off perforations with soft rubber cup	
1:00	30' (30% oil)	1000' gas ahead of swab
2:00	30' (20% oil)	1000' gas ahead of swab
3:00	15' (40% oil)	1000' gas ahead of swab
4:00	30' (40% oil)	1000' gas ahead of swab

1-24-75 Swabbing down perfs 6752-6758 Well had 75 psi on casing.
Fluid level-700' No gas shows.
On 1-23 A.M. well had 25 psi SIP for 15 hrs. Fillup 600'
(10% oil on top) Had gas on first swab all the way in the
hole and out.
2nd run had 150' fillup-gas half way in and all the way out
Rigged up Halliburton to acidize well with 500 gal. 15% NE
HCL acid.
Made 3rd run to dry up well Had 3500' of gas and 50' fluid
(10% oil)
Began acid job at 11:10 A.M. Broke down at 1500 psi, Pumped
6 bbls. at 1/2 bbl. per min. at 1000 psi. Pumped 6 bbls. at
3 1/2 bbls per min at 1400 psi. Overflushed with 5 bbls.
1% KCL. ISIP-900 psi. In 5 min. SIP-500 psi In 10 min. SIP-200
psi. In 17 min. SIP-0. Total load 125 bbls. Job completed
#1 Price
(continued on next page)

RECEIVED

JUN 17 1982

COLO. OIL & GAS CONS. COMM.

#1 Price

- (Continued)
- 1-24-75 11:45 A.M. Began swabbing back load at 1 P.M. Continued til 5 P.M. Swabbed dry, no show oil or gas Had 30bbls. load to recover.
- 1-25-75 SIP-175# Had 800' fill up overnite. Swabbed 200' oil and 600' water Started in hole with Bridge plug and stuck at 6343. Pulled 2400# and would not come loose. Set Bridge plug at 6343.
- 1-26-75 Shut down
- 1-27-75 Prep to drill out bridge plug
- 1-28-75 Attempted to drill out bridge plug and twisted off.
- 1-29-75 Thawed out pump - Began drlg. plug at 9:20. Drld. off top rubber & slips. At 10 A.M. twisted off tubing Drlg. at 5 pts. at time of twist off Pulled tubing Found 43rd jt. Twisted off 1/3 way down. Jt. was badly rod cut & worn. Shut down 2 hrs. WO fishing tools Ran overshot on tubing Pulled 43 jts. Recovered one 8" long pc. of tubing Ran tubing back with spear Could not catch tubing Pulled 43 jts. & shut down for nite. Going in hole with 1 jt. of wash pipe and overshot.
- 1-30-75 Ran overshot with 4' extension Caught & pulled fish at 9:30 a.m. Ran tubing, bit & scraper Began drlg. on plug at 10:50 a.m. Drld. up plug by 11:15 a.m. Bit dropped 1/2' and stuck in csg. Could not free Pulled 15 jts. overstring out Could not free bit Called McCullough to shoot off bit - Down 4 hrs. Waiting on McCullough Ran McCullough string shot to first collar above scraper and shot off Job completed 7:30 p.m. Shut down for nite.
- 1-31-75 Pulled tubing Rigged up bumper sub & jars & overshot Began jarring Jarred for 25 min. Jarred at 55 jts. (=27 jts. of string wt.) Fish freed up Pulled & recovered 1 jt. of tubing plus scraper and bit. Scraper had scars on side Will run back with bit, scraper, jars & bumper sub and try to drill to T.D. Shut down for nite.
- 2-1-75 Ran tubing with bumper sub, jars, scraper & bit. Could not drill ahead. Shut down drlg. at 4 p.m. Began pulling tubing.
- 2-2-75 Pulled tubing. Ran impression block on wire line. No changeover. Had to run impression block on tubing. Mark showed 1" from outside diameter outside of csg. 1 1/2 times. Shut down WOO
- 2-3-75 Shut down

#1 Price

JUN 17 1982

OIL & GAS CONS. COM. 1.

- 2-4-75 Ran tubing with swedge Jarred 9 times on bottom Came out of hole Lost 5 jts. tubing (crooked) Shut down for new tubing supposedly to arrive in A.M.
- 2-5-75 Unloaded & tallied new tubing Ran 4½" csg. roller Rolled all day - No progress - Picked up 5" and shut down for nite. Est. blockage at 6331.5
- 2-6-75 Coming out of hole with tubing. Put on flat bottom mill Went back in hole Left hanging 4' off bottom till morning Prep. to mill up. Suspected bridge plug
- 2-7-75 Waited on crew from 7:30 to 10:30 From 10:30 to 12:30- thawed out fuel lines - Prep to drill bridge plug 12:30 to 1:30 Drlg. bridge plug. Drilled up part of bridge plug and pushed remainder to bottom with 3 3/4" flat bottom mill Recovered pieces of packer rubber and metal pieces from bridge plug Come out of the hole with tubing & mill and ran Halliburton retainer on Well X wire line. Hung up at 6744.5 and pulled out of rope socket Shut down for nite Going in with tubing and fish tools to recover setting tool
- 2-8-75 Went in hole with 3-7/8 x 3-1/8 overshot. Set down on fish. Pulled 30,000# of the weight off tubing. Sheared pin on retainer Pulled out of hole w/setting tool Went in hole w/collar locator Checked collars and perfs. Found perfs at 6753-59' TD 6764' Pulled out of hole Went in hole w/Halliburton easy drill cement retainer Set at 6749' Went in hole w/stinger and tubing and squeezed zone w/100 sx. 50-50 pos mix w/5% H19 to 3000# reversed out 1 bbl. of cement Spotted 20 bbls KCL wtr. and 500 gal. MSA acid on bottom SIFN
- 2-9-75 Pulled out of hole with tubing and retainer stinger Went in hole with Wellex 3-1/8" steel carrier DP charges and perfed from 6738-6748' w/ 2 jet shots per ft. Rigged up Halliburton and displaced 500 gal. MSA acid. Took 2,000# for 15" before acid started going in formation Pumped 250 gal. at ¼ bbl per min. 2000# Pumped 250 gal. at 5 BPM at 2,000# Rigged down Halliburton Started Swabbing at 3:30 p.m. Swabbed well down at 5 p.m. Let set 30" Had 100' gas 30' wtr. SIFN
- 2-10-75 SICP-0 for 15 hrs. Ran in w/swab at 8:30 a.m. Had 750' gas and 65' wtr. w/scum oil. 9 a.m. Pulled swab Had 400' gas No wtr. 10 a.m. 100' gas No fluid SIFN
- 2-11-75 8:30 a.m. SICP 0 Pulled swab 800' gas 60' acid wtr. 10:30 a.m. pulled swab 400' gas no wtr. 12:30 p.m. pulled swab 400' gas No wtr. SIFN
- 2-12-75 Pulled swab 1 time. 40' wtr w/scum of oil & 400' of gas ahead of swab. SI for nite. WO frac equipment.

RECEIVED
JUN 17 1982

COLO. OIL & GAS CONS. COMM.

- 2-13-75 Ran Swab. Had 40' wtr. w/scum oil, 800' gas. Rigged up Halliburton, loaded hole w/90 bbls pad fluid consisting of 2/3 distillate and 1/3 gelled wtr. Pumped in well at 2 BPM at 3000# slowly increasing to 3 BPM 3400# pressure broke back to 1100# sharply. Shut down for 2" Started pumping again Fluid came up around bradenhead, indicating a casing leak. Shut down Ran in the hole w/tubing to 6740' spotted 35 sx. across perf. Pulled 1200' tubing SIFN
- 2-14-75 Finished laying down 2-3/8' tubing. Rigged up to pull 4 1/2" pipe Worked pipe from 100,000 to 40,000 3 times. A collar pulled off the pick up sub. Had to weld collars back on pick up sub. Pulled on pipe 100,000 to 300,000 4' of stretch Went in hole with free point indicator Found pipe stuck at 3156' Pulled out of hole and worked pipe from 100,000 to 20,000 for 30" Had 5' stretch Went in hole with freepoint indicator Found pipe free at 5305' Shot pipe off at 5261' Pulled 3 jts. of 4 1/2 csg. and SIFN
- 2-15-75 Finished laying down csg. Total 135 jts. Set cement plug at 210' to 100' 10 sx. in surface P&A 2:30 p.m.
~~2-14-75~~

CORING TIME (Corrected to E log)

6733-40	--	--	--	23	9	20	18	21	17	19
6740-50	21	20	17	21	22	17	17	13	22	18
6750-60	14	18	19	21	19	16	14	18	18	18
6760-70	20	18	18	18	16	16	18	13	12	13
6770-80	14	14	16	14	18	18	18	17	15	19
6780-83	14	14	15							

CORE DESCRIPTION

Core #1, 6733-83' (Corrected to E log)

Cut 50' and recovered 51'.

- 12' Ss: wh., v.f.g. qtz., s. ang., well-cmtd., tite, hvly, rwkd., sp. fluor.
- 7' Ss: wh., f.g. qtz., s. ang., tite, well-cmtd., sly. rwkd., clay-filled, sp. fluor.
- 5' Ss: wh., f.g. qtz., s. ang.-s. rdd., well-cmtd., clay-filled, tite, bright bluish fluor., g. gas odor, g. sp. st.
- 27' Ss: lt. gy., f.g. qtz., s. ang., tite, hvly. rwkd., N.S.

DRILLSTEM TEST

DST, 6735-58'

Open 30", SI 60", Open 90", SI 90". Tool opened with a very weak blow which increased slightly to a 1" blow in bucket. On second open, the tool opened with a 1" blow in bucket and held steady for 20 minutes before starting to decrease. After 25 minutes of the second open, the blow increased to fair blow with a 6" blow in the bucket. Recovered 660' of gas in pipes and 290' of total fluid; 280' of drilling mud and 10' of very slightly water cut mud. IFP (30") 56#, FFP (30") 93#, IFP (90") 111#, FFP (90") 130#, ISIP (60") 259#, FHP (90") 1163#. Bottom hole sampler contained .06 cc gas and 1500 cc of very slightly water cut mud.

SAMPLE DESCRIPTION

6600-10 Sh: m.-dk. gy., hd., brt.-comp., slty.
10-20 Sh: as above.
20-30 Sh: as above.
30-40 Sh: as above.
40-50 Sh: as above.
50-60 Ss: wh., f.-m. g. qtz., s. ang.-s. rdd., tite,
qtztc., N.S.
60-70 Ss: as above.
70-80 Sh: m.-dk. gy., sft.-hd., brt., slty.
80-90 Sh: as above.
90-6700 Sh: as above.
6700-10 Ss: wh., f.g. qtz., s. rdd., f. p. & p., w/cons. sh.
10-20 Ss: as above.
20-30 Ss: as above.
33-83 Core #1
83-90 Ss: lt. gy., f. g. qtz., s. ang., v. shly., N.S.
90-6800 Ss: as above.
6800-10 Ss: as above, w/cons. sh., apparently rwkd.
10-20 Ss: as above.
20-30 Ss: as above.
30-40 Sh: dk. gy., hd., brt.-comp.
40-50 Sh: as above.
50-60 Sh: as above.
60-70 Sh: as above.
70-80 Sh: as above.
80-90 Sh: as above.

FORMATION TOPS

<u>Formation</u>	<u>Log Tops</u>	<u>Datum K.B.</u>
Fox Hills	320	4730
Niobrara	5847	-797
Ft. Hays	6230	-1180
Greenhorn	6325	-1275
Bentonite	6548	-1498
"D" Sand	6645	-1595
Huntsman Shale	6664	-1614
"J" Sand	6701	-1651

BIT RECORD

<u>No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>From</u>	<u>To</u>	<u>Feet</u>	<u>Hours</u>
1	7 7/8	STC	DST	197	2563	2366	23 1/2
2	7 7/8	STC	RR	2563	4563	2000	16 1/4
3	7 7/8	HTC	OSC3J	4563	5517	954	11
4	7 7/8	STC	DTJ	5517	6159	642	10 1/2
5	7 7/8	Sec	SE-100	6159	6656	497	13 1/2
6	7 7/8	Sec	H7SG	6656	6733	77	10
7	7 13/16	Christenson	Diamond	6733	6783	50	14 1/4
8	7 7/8	Sec	S4TJ	6783	6890	107	9 1/2

HOLE DEVIATION

<u>DEPTH</u>	<u>DEVIATION</u>
2894'	3/4°
3427'	1/2°
4122'	3/4°
4563'	1/2°
5003'	1/2°
5517'	3/4°
6105'	3/4°

file