

ORIGINAL

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DAILY REPORT

JACK EXPLORATION, INC.
Donovan 1-A
C W/2 NE Sec. 10-34S-13W
Barber Co., KS

2-23-03

Rig up Duke Drilling, Rig #7, Saturday. Drill mouse and rat hole. Will start Sunday.

2-24-03

Did not start wash down. Shut down for weather.

2-27-03

Presently laying down drill pipe to run csg. Broke tour 7:00 am Thursday morning. Pickup 7 7/8" reamer, drill collar, and another 7 7/8" reamer and 5 more drill collars after drilling out 10' plug @ surface. Washed down to 40' and hit hard cement. Drilled 150' of hard cement to 550'. Washed down to 2000' before hole got tight. Did not see plug @ 1325'. Circulated up some real thick cement contaminated mud @ 1440'. Trip out of hole, lay down reamers. Trip in hole and washed hole down to 4269'. Circulated and condition mud for 2 1/2 hrs. No gas was indicated throughout wash down.

2-28-03

7:00 am. Finished laying down drill pipe and drill collars. Pickup 4 1/2" triplex shoe and 100 jts of 4 1/2" 11.6# csg and land bottom of production csg @ 4190'. Centralizers @ 4064', 4021', 3979'. PBSD @ 4177'. Circulated hole for 30 min. Drop ball and open triples shoe, circ 10 min. Rig up Allied and cement w/ 50 sxs scavenger cement followed w/ 100 sxs Class H w/ 5# kol-seal, 1/4# flo-seal. Maintained circulation throughout job. Bumped plug @ 1:00 pm. Set slips. Clean pits, released rig @ 4:00 pm. Took 33 hrs to do job.

3-12-03

Rig up Falcon Wireline and run bond log. Top of cement of good cement 3344'. Set anchors and weld on production head. PBSD @ 4145'.

3-13-03

Move in rig up R & R Well Service.

3-14-03

Deliver 149 jts of 2 3/8" tbg (4870') from Wolgamott 2-9, also used 75 jts of 4 1/2" csg from Wolgamott 2-9 (3150'), 30 jts 4 1/2" csg from Johnson 1-15 (1260'). Pickup 127 jts 2 3/8" 4.7# tbg and tag PBSD @ 4147'. Pressure test csg to 2500 psi. Good test. Trip out of hole. Rig up Falcon Wireline and perforate squeeze holes @ 4040-4041', 4 shots @ 90° angle. Pressure up casing to 2000 psi, broke back to 450 psi @ 1 bpm, shut down pressure dropped to 75 psi. Trip in hole w/ pkr and 120 jts tbg and set pkr @ 3940'. Shut in well. Will squeeze in morning.

3-15-03

Rig up Allied Cementing and pressure annulus to 500 psi. Established rate down tbg @ 1 1/2 bbls per minute @ 600 psi. Mix 40 sxs Class A cement (8 bbls). Pump down tbg and displace w/ 15 3/4 bbls wtr, stop pumping. Pressure increased to 1000 psi w/ 7 bbls cement in formation, 1 1/2 bbls left between pkr and squeeze holes, pressure fell to 400 psi after shutting down, and held. Wait 4 min, and pressure up to 1800 psi, stopped, pressure dropped to 800 psi. Wait 4 min, pressure up to 2000 psi, pressure held. Release pressure, no flow back. Pressure back up to 2000 psi for 5 min pressure held. Release packer; reverse out w/ 20 bbls wtr. Pull pkr and tbg out of hole. Shut in well and pressure csg to 500 psi and left shut in until Monday morning.

3-17-03

Pressure on csg after shut in over weekend 400 psi. Pickup 4 drill collars and 4 1/2 bit and csg scraper, and tag cement @ 4000'. Have 40' of cement to drill out. Drill out cement. Pressure test well to 2500 psi, pressure will drop 1000# in 1 1/2 min. Cannot pump into formation. Isolated pump from well on pressure test, same results. Calling pressure test good. Swab well down to 2500', TOH w/ DC and bit. Rig up Falcon Wireline, fluid level @ 2980' before Perforating well. Perforated Douglas Formation from 4025-4030, 4 SPF, Total of 20 shots. Fluid level came up 250 after shooting gun. Pick up Model R pkr and SN, trip in hole, 17 strands in hole, wells started flowing. Killed well w/ 80 bbls wtr. Continue in hole to land. Well started flowing while trying to land. Shut in BOP. Will land in morning.

3-18-03

After shut in overnight, TP 400, CP 400. Bled pressure off to tank, well dead. Nipples down BOP, and install tree. Set pkr @ 4012.93' w/ 122 jts 2 3/8" tbg (3993.83'), SN (1.1'), Model R Pkr (6'), KB 12'). Flanged up wellhead. Made 1 swab run, well started flowing. Flowed to pit until well unloaded and put to frac tank on 24/64 choke.

9:00am	240	24	0	Put well to tank
10:00am	260	24	3.5	
11:00am	300	24	1/2	
12:00am				No check
1:00pm	310	24	0	Well making fog, no wtr falling out. Making approx. 1,000,000 cubic ft gas per day calculated.

Shut in well. Rig down. Will build production equipment when location dries up.

3-19-03

After shut in 24 hrs, TP 780 psi. Well pull gas sample in morning.

3-21-03

After shut in 48 hrs, TP 780 psi. Put well on 16/64 choke and flowed back as follows:

7:30am	780	0	16	
8:30am	640	1 1/2	16	
9:30am	580	1 1/2	16	
10:30am	540	0	16	
11:30am	520	0	16	Well making 785,000 cubic ft gas per day through 16/64 choke.

Left well flowing to tank to get 24 hr test.

3-22-03

After flowing well 26 hrs, flowing TP 480 psi. Well making 706,000 ft gas per day through 16/64 choke, while maintaining 480# TP. Recovered 1 bbls fluid in last 24 hrs. Shut in well.

4-01-03

Install 3" meter run w/ 0-100" X 250# Barton meter, SN 184506. Installed 6500 psi Line Heater w/ auto shut off, SN C-2542. Installed 30" x 10' 2-stage Separator, Working Pressure 500#, SN 01-3010-500-01. Installed 4' x 20' Heater Treater, WP 50#, SN 31150. 12' x 15' 300 bbl Fiberglass Wtr Tank, SN 3365-01, made 10-23-01. Installed 12' x 15' 30 bbls Steel oil tank, SN 31626, made 9-01. Ready for pipeline.