

Daily completion report

'ell Hollis 1-20 all depths KB 20' feet above GL DAYS 1 DATE 4-25-94
 esterday AM: plug back TD 4980' tubing press 170 casing press 300
 tatus Rig up + Spot Equipment
 perations last 24 hours:

Costs	daily	total
completion rig	<u>2022</u>	

perations last 24 hours:

7:00 to 10:00 M.I.R.U.S.U. Spot pump & tank. N.D. well head & N.U. B.O.P.

0:00 to 11:30 T.O.O.H.w/ 128 Jts 2 3/4" Tubing, F. Nipple & Tail Jts & Notched Collar, 4227' K.B.

1:30 to 2:00 T.I.H. w/ Bit & scraper to 4221' K.B. T.O.O.H.w/ Bit & scraper, N.U. Rock Mt. Wire line.

2:00 to 3:00 Waiting on flight correct shear pin for Setting tool.

3:00 to 6:00 T.I.H. 4 1/2" R.B.P. Set plug @ 4200'. T.O.O.H. Fill hole with 55 BBL's 2% K.C.L. Tested casing to 1000' surface press. Hell test 15 mins. OK. Bleed off pressure. T.I.H.w/ Pump bailer.

to Dump 1/2 ss sand on plug. T.O.O.H.w/ Bailer.

to T.I.H.w/ 3 1/2" Gun & shot Perfor holes @ 4080'. 4 SPF. T.O.O.H.w/ Gun.

to Note: Surface Casing Open for 4 hrs. Flowed 10 BBL Mud

5:00 to 8:00 T.I.H. as follows. Packer, S.N. & 121 Jts & Set Packer @ 3965.79' K.B. Fill back side. Pres. @ 500' S. Pumped 15 BBL's down tubing. Rate 5 B.P.M at 1800'. Shut down. Well Flowed back 5 BBL's water. S.I. Well. Will cement in A.M.

Costs	daily	total
completion rig	2022	
water, mud, oil		
trucking and hauling, <i>water</i>	730	
stimulation		
cementing and cementing equipment		
logging and perforating	2800	
packers, bridge plugs		
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew	150	
supervision	350	
wellhead		
tubing <i>Frac Tanks</i>	500	
rods and pump		
pumping unit		
treater, separator		
valves, fittings, flowlines	100	
other		
total	6652	

tubing	in or out	joints	feet threads off	size OD	weight per foot	grade	coupling

rods

pulled or run	number	size	type and make

ridge plugs, packers, catchers, pump, seating nipple, bottom hole assembly M.W.S. Rig #8

[illegible]

rabbing

flowing

[illegible]

3L. LOAD TO RECOVER _____

SUPERVISOR L Blaylock

Daily completion report

Costs	daily	total
completion rig	2060	4082
water, mud, oil		
trucking and hauling	540	1270
stimulation		
cementing and cementing equipment		
logging and perforating C. R.	650	3450
packers, bridge plugs		
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew		150
supervision	350	700
wellhead		
tubing Frac Tanks		500
rods and pump		
pumping unit		
treater, separator		
valves, fittings, flowlines		100
other		
total	3600	10252

pulled or run	number	size	type and make

[illegible][illegible]

SUPERVISOR

Page #2

[illegible]

4:30 to 7:00 T.I.H. w/ Tool = Tubing. Stung into retainer. Opened up surface casing still flowing 1 1/2" stream of muddy water. Pumped into retainer at rate of 1/2 BBL min Pressure 1000#. Pressure broke back to 950#. 1/2 BBL min. Pressure went ~~to 1000~~ up to 1100#. at 1/2 BBL min. Pressure Broke Back to 1300# at 1/2 BBL min. Pump rate at 1/2 BBL min pressure up to 2800# then would bleed back to 1500# & hold. Surface Casing Flowing 2 1/2" stream of muddy water as we were pumping then went back to 1 1/2" stream when we start pressure up to 2800# then falling back as pressure bleed off. Pulled out of retainer layed down 1-Jt. Close in well.

Costs	daily	total
completion rig		
water, mud, oil		
trucking and hauling		
stimulation		
cementing and cementing equipment		
logging and perforating		
packers, bridge plugs		
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew		
supervision		
wellhead		
tubing		
rods and pump		
pumping unit		
treater, separator		
valves, fittings, flowlines		
other		
total		

tubing	in or out	joints	feet threads off	size OD	weight per foot	grade	coupling

pulled or run	number	size	type and make

[illegible][illegible]

SUPERVISOR _____

Daily completion report

tatus

perations last 24 hours:

8:00	to 8:00	Check pressure on Surface Casing 60 [#]
		Open up Surface Casing. Flowing 15" Stream
	to	Rate of 24 BBL's Hr. T.I.H. + Stung into
		Retainer. No Flow or suck. N.U. To swab.
9:00	to 9:00	Hauled off 160 BBL's water & muddy water from
		Pit & Rig Tank. Made 3 Swab runs. Th. Fluid 16.4
	to	Was gas cut on 2 nd Run. S.I. Check Pressure 60 [#]
		3 rd run had Fluid entry of 400'. 1.4 BBL's & Gas cut.
10:00	to 10:00	Surface Casing Flowing @ 24 BBL's Hr. 4 th Swab
		run pulled from top of Stinger, no Fluid entry.
	to	5 th run no Fluid entry no Gas show.
11:00	to 11:00	Surface Casing Flowing @ 24 BBL's Hr. 6 th Run
		pulled From 3960'. No Fluid entry, No Gas
12:00	to 12:00	Surface Casing Flowing @ 24 BBL's Hr.
1:00	to 1:00	Surface Casing Flowing @ 24 BBL's Hr.
		7 th Run. Pulled From 3960'. No Fluid entry. No Gas.
2:00	to 2:00	Spot Acid & Cement Trucks. Hooked up lines.
		Spot Acid to Top of Retainer 6 BBL's 15%
		Displace Acid w/ 17 BBL's H ₂ O Rate 2 BBL's Min @ 1200 [#]

Costs	daily	total
completing rig	1581	5663
water, mud, oil		
trucking and hauling <i>Water</i>	495	1765
stimulation		
cementing and cementing equipment	6838	6838
logging and perforating		3450
packers, bridge plugs	5043	5043
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew		150
supervision	350	1050
wellhead		
<i>tubing Free Tanks</i>		500
rods and pump		
pumping unit		
treater, separator		
valves, fittings, flowlines		100
other		
total	14307	24559

tubing	in or out	joints	feet threads off	size OD	weight per foot	grade	coupling

rods

pulled or run	number	size	type and make

ridge plugs, packers, catchers, pump, seating nipple, bottom hole assembly

[illegible]**rabbing**

flowing

[illegible]

BL. LOAD TO RECOVER _____

SUPERVISOR L. Blaylock

Daily completion report

status _____

perations last 24 hours:

3:00 to 4:30 Pulled out of Retainer. Mixed cement & spot cement 300' short of Stinger Tool.
to _____ Stung back into retainer. Pumped cement
to _____ 32 BBLs, 15.8 Slurry, Avg Rate 2 BPM Avg Press. 1000*
to _____ Start Displacement, Pump 14.8 BBLs. Shut
to _____ Down. Pulled 5 stands. Reversed out with
to _____ 30 BBLs. Pressure back up on casing & Tubing
to _____ to 1000* had slight bleed off. Nipple down
to _____ Cementer. Surface Casing Flowing 20 BBLs Hr.
to _____ No change thru. job.
4:30 to 5:00 T.O.O. H.w/ Tubing & Stinger Tool.

_____ to _____ Will Drill out @ 12:00 Tomorrow.

Costs	daily	total
completion rig		
water, mud, oil		
trucking and hauling		
stimulation		
cementing and cementing equipment		
logging and perforating		
packers, bridge plugs		
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew		
supervision		
wellhead		
tubing		
rods and pump		
pumping unit		
treater, separator		
valves, fittings, flowlines		
other		
total		

tubing	in or out	joints	feet threads off	size OD	weight per foot	grade	coupling

rods

pulled or run	number	size	type and make

ridge plugs, packers, catchers, pump, seating nipple, bottom hole assembly

[illegible]

swabbing

flowing

[illegible]

BBL. LOAD TO RECOVER _____

SUPERVISOR L. Blaylock

Daily completion report

operations last 24 hours:

operations last 24 hours:

11:00-12:00 (le)

1.00 to 4.00 Circ. Rig 1945, 1711 with 500 lbs. 2 1/2" x 2 1/2" Hook-up Lines. Pick-up 3 3/4" Mill Tooth Bit, x-over, 2 Drill Collars, x-over & 113 Jts 23". Tag Top of Cement w/ 15' on 113th Jt. at 3746. Lay down 14 Jts. Nipple-up to Drill out Cement. Pick-up Power Swivel, Establish Circ. 2 BPM. Start Drilling cement. Drilled out Cement & Cement Retainer & down past Perf Holes @ 404080'. Circ. hole with 50 BBLs 2 1/2" K.C.L. T.I.H. & Tag Top of R.B.P. @ 4200'. Pulled 5 Stands, Test Casing @ 1000th Test OK. T.O.V.H. with Tubing, Lay down collars, x-overs & Bit. Closed in well.

S.D.F.N.

Costs	daily	total
completion rig	2426	8089
water, mud, oil		
trucking and hauling	691	2456
stimulation		
cementing and cementing equipment		6838
logging and perforating		3450
packers, bridge plugs		5043
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew		150
supervision	350	1400
wellhead		
tubing FracTank		500
rods and pump		
pumping unit		
treater, separator		
valves, fittings, flowlines		100
other		
total	3467	28026

tubing	in or out	joints	feet threads off	size OD	weight per foot	grade	coupling

rods

pulled or run	number	size	type and make

ridge plugs, packers, catchers, pump, seating nipple, bottom hole assembly

[illegible]**wabbing**

flowing

[illegible]

3L. LOAD TO RECOVER _____

SUPERVISOR

L. Blaylock

Daily completion report

Well Hollis 1-20 all depths KB 20' feet above GL DAYS 5 DATE 4-29-94
 Yesterday AM: plug back TD 4200' tubing press 0 casing press 0

tatus

perations last 24 hours:

8:00 to 8:30 Pick-up Bit & Scraper T.I.H. to 4126'
 Hook-up lines & Circ. well with 45 BBLs 2 1/2 K.C.L.
 9:30 to 9:00 T.O.O.H. w/ Tubing & Scraper & Bit. Rig-up
 Rocky Mt. Wire.
 12:00 to 12:00 T.I.H. with Logging Tools. Ran bond, Grams Ray
 & Collar. Ran bond from 4180 to 3000'.
 95% Bond From 4050' to 4100'. 85 to 75% Bond
 From 3950' to 4050'. T.O.O.H. with tools.
 2:00 to 2:00 Pick-up S.N. & T.I.H. to 2284'. Swab well
 down. T.O.O.H. \downarrow 3" Holes.
 4:30 to 4:30 N.U. Wireline, with 3 1/2" Gun S.C.S 12 gm. 2-S.P.F.
 1st Run shot @ ~~4118~~ 4118'-4148'. 2nd Run 4104-4114
 T.O.O.H. w/ Gun. N.D. R.M.W.L.
 Heat Frac Tanks to 75°. Spot Sand Master &
 Load with 20/40 Sand. Location Muddy Tracks
 Chained up. Rain & Snow.
 7:30 to 7:30 Pick-up S.N. & T.I.H. to 4026'. Swab well
 down. Check for fluid ~~to~~ entry. No Fluid
 entry in 1 Hrs. No show of Gas. Close in
 well. S.D.F.N. Frac in A.M.

Costs	daily	total
completion rig	1861	9950
water, mud, oil		
trucking and hauling		2456
stimulation		
cementing and cementing equipment		6838
logging and perforating	2975	6425
packers, bridge plugs		5043
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew		6150
supervision	350	1750
wellhead	250	250
tubing		500
rods and pump		
pumping unit		
treater, separator		
valves, fittings, flowlines	450	550
other		
total	5886	33912

tubing	in or out	joints	feet threads off	size OD	weight per foot	grade	coupling

rods

pulled or run	number	size	type and make

ridge plugs, packers, catchers, pump, seating nipple, bottom hole assembly

[illegible]

rabbing

flowing

[illegible]

BL. LOAD TO RECOVER _____

SUPERVISOR

SUPERVISOR L. Blaylock

Daily completion report

Well Hollis 1-20 all depths KB 20 feet above GL DAYS 6 DATE 4-30-94
 Yesterday AM: plug back TD 4200' tubing press 10 casing press 60

:atus

operations last 24 hours:

11:00 to 11:30 Check Pressures Tubing 10" Casing 60"
Blew down well. T.I.H.w/Swab. No Fluid
entry. N.D. Swab. T.O.N.H.w/Tubing.
Nill. Tree Saver. N.Y. Flow back lines.
N.Y. Western, Sport Tracks. Test lines to
4500'. Had Safety Meeting.

Start Frac. Pump 12 BBLs 75% H.C.L. AT 5.5
B.P.M. Press to 2900# Broke in Drop to 2600#
Pumped 2 1/2, 280# 2940 Sand. Min Pres. 2200
Max 2730 Avg 2550 Avg Rate 15.0 B.P.M.
With 70 Q Foam. Used ~~98~~ 98.312 N² Avg Press
Avg Rate, 35.8 B.P.M. Flush To Top Perf.
Shut Down. F.S.D.P. 2000#. Start force
closer. 2 B.P.M. 45 mins. Final 1470#
Total Fluid to Recover 594 BBLs.
Start Flow Back on 12/64 Choke. 12:00 Noon
AT Rate: 1107 MCF/D - N² After 2 Hrs.
Press. 830# ON 12/64 16 BBLs Recovered. 706 MCF - N

Costs	daily	total
completion rig	1305	11,255
water, mud, oil		
trucking and hauling	1.80	2636
stimulation <i>Frac. 20/40</i>	71815	71815
cementing and cementing equipment		6838
logging and perforating		6425
packers, bridge plugs		5043
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew		150
supervision	350	2100
wellhead <i>Heat Tanks</i>		250
tubing <i>Frac Tank Rental</i>		500
rods and pump		
pumping unit <i>Tree Saver</i>	2500	2500
treater, separator		
valves, fittings, flowlines		550
other		
total	76150	110067

tubing	in or out	joints	feet threads off	size OD	weight per foot	grade	coupling

rods

pulled or run	number	size	type and make

ridge plugs, packers, catchers, pump, seating nipple, bottom hole assembly

[illegible]**nabbing**

flowing

[illegible]

3L. LOAD TO RECOVER _____

SUPERVISOR L. Blaylock

Daily completion report

:atus

Report 24 Hr. Flow back.
From 4-30-94-12:00 Noon
To 5-1-94-12:00 Noon
Tl. Fluid To Recover 594 BBLs
Flowing on $\frac{1}{64}$ Choke
Recovered 214 BBLs Fluid, 8.9 BBLs Hr.
Tl. Fluid To Recover 380 BBL.
Avg N² Rate 882, Recovered 16 BBLs Sand
in Rig Tank, IN ~~3~~ 24 Hrs.
AT 12:00 Noon, No Sand, Pressure 1040.
Gas Burns off & ON, seeing "Stream Water"
Change choke to $\frac{1}{64}$ @ 12:00 Noon, 5-1-94.
Will Flow, watch over-nite than. T.I.H.
IN A.M.

Costs	daily	total
completion rig	1680	12938
water, mud, oil		
trucking and hauling		2636
stimulation		71815
cementing and cementing equipment		6838
logging and perforating		6425
packers, bridge plugs		5043
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew		150
supervision	350	2450
wellhead		250
tubing		500
rods and pump		
pumping unit		2500
treater, separator		
valves, fittings, flowlines		550
other		
total	2030	112098

tubing	in or out	joints	feet threads off	size OD	weight per foot	grade	coupling

[illegible][illegible][illegible]

SUPERVISOR _____

Daily completion report

ell Hollis 1-20 all depths KB _____ feet above GL DAYS 8 DATE 5-2-94
 yesterday AM: plug back TD _____ tubing press _____ casing press _____

status _____
operations last 24 hours:

7:00 to 7:30 Nipple-up Live Well, Pick-up notch collar
tail Jt F-Nipple & Plug & Tubing & snubbed
in hole. Tagged sand @ 4083'. S.I. casing
pressure 1350. Hook-up lines to well, to
circ. up sand using well gas. Put in
34/64 Choke on flow back-line. Wait on
water. Open casing to pit. Pump 2% KCl
water down tubing at 1 BPM. Circ. down
to 4160'. Let casing flow for 40 mins.
Putted 43' Above perts @ 4104'. Closed in
well. Will check for sand in A.M. Then
land tubing. And put on line.

Costs	daily	total
completion rig	2725	15860
water, mud, oil		
trucking and hauling		2636
stimulation		71815
cementing and cementing equipment		6838
logging and perforating		6425
packers, bridge plugs		5043
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew		150
supervision	250	2800
wellhead Heat Tanks		250
tools Frac Tanks Rental		500
rods and pump		
pumping unit Tree Service		2500
treater, separator Snubbers	3453	3453
valves, fittings, flowlines		550
other		
total	6728	118870

tubing	in or out	joints	feet threads off	size OD	weight per foot	grade	coupling

rods

pulled or run	number	size	type and make

ridge plugs, packers, catchers, pump, seating nipple, bottom hole assembly

[illegible]**Grabbing**

flowing

[illegible]

BL. LOAD TO RECOVER _____

SUPERVISOR L. Blylock

Daily completion report

SUPERVISOR _____