

UNION TEXAS PETROLEUM CORPORATION

SUITE B-400, 1740 BROADWAY • DENVER 2, COLORADO • KEYSTONE 4-2276

August 29, 1962

U. S. Geological Survey
P. O. Box 999
Farmington, New Mexico

Subject: Johnston-Federal #3
NE/4 Section 12-30N-9W
San Juan County, New Mexico
(Our File: NM-3-A)



Gentlemen:

Enclosed in triplicate is Subsequent Report of Re-Drilling or
Repair covering workover of the subject well, Form 9-331a.

Yours very truly,

/s/ Charles M. Heard

CHARLES M. HEARD
District Superintendent

Copies:

- 1-New Mexico Oil Conservation Commission, 1000 Rio Grande Road, Artec, New Mexico
- 2-Frankfort Oil Co., Gulf Building, 306 West Wall, Midland, Texas
- 1-Texas National Petroleum Co., 902 South Coast Life Bldg., Houston 2, Texas
- 1-Thurmond-McEllothin, P. O. Box 968, Ardmore, Oklahoma
- 1-Mr. Frank O'Halloran, 304 South Moon Verde, Artec, New Mexico
- Mr. Don Strain, Oklahoma City Office (letter only)

Encl.

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UNION TEXAS PETROLEUM CORPORATION

10110 P. BOX 1100, NEW YORK, N. Y. 10001 • DENVER, COLORADO • NEW YORK, N. Y. 10001

August 29, 1968



U. S. Geological Survey
P. O. Box 959
Washington, D. C. 20540

Subject: Johnson-Federal #2
NE 1/4 Section 12-30N-24E
San Juan County, New Mexico
(Our File: 480-3-2)

Enclosure:

Enclosed is triplicate in management report of re-drilling of

Refracturing covering workover of the subject well, Form 2-31a.

Yours very truly,

/s/ Charles H. Harris

CHARLES H. HARRIS
District Superintendent

Copies:

- 1-For Mexico Oil Conservation Commission, 1000 Rio Grande Road, Alamo, New Mexico
- 2-For New Mexico Oil Co., 300 West Wall, Midland, Texas
- 1-Texas National Petroleum Co., 902 South Coast Life Bldg., Houston 2, Texas
- 1-Hammond-McGowan, P. O. Box 968, Ardmore, Oklahoma
- 1-Mr. Frank O'Halloran, 304 South Texas Street, Alamo, New Mexico
- Mr. Don Street, Oklahoma City Office (letter only)

Encl.

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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 49-R388.4
Approval expires 12-31-60.

Land Office Santa Fe
Lease No. SFC78439
Unit Johnston-Federal

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	X
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 29, 1962

Well No. 3 is located 990 ft. from N line and 990 ft. from E line of sec. 12

NE/4 Section 12 30N 9W NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco Mesaverde San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5930 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Union Texas Petroleum Corporation

Address Suite B-400, 1740 Broadway

Denver 2, Colorado

By Charles E. Head
Title District Superintendent

UNION TEXAS PETROLEUM CORPORATION

SUITE B-400, 1740 BROADWAY • DENVER 2, COLORADO • KEYSTONE 4-2276

Johnston-Federal #3
NE 1/4 Section 12-36E-9W
San Juan County, New Mexico

Details of Work:

1962

- 7/12 Flng choke set at 3486. Rigged up. Pulling tubing.
- 7/13 Failed 100 jts. tubing, retrieved plug set in tubing at 3486', ran McDougall aluminum bridge plug and set bridge plug one joint off bottom in the tubing. Failed total of 199 joints tubing. Ran Baker Model "B" packer on wire line, set at 4051.5', McDougall measurements. Tested flapper valve, held O.K. Ran 127 joints tubing with seal assembly and Halliburton pump out cementer. Were spacing out when unit failed. Now waiting on another unit to pull in to complete job.
- 7/14 Moving in pulling unit. Finished spacing out. Seal assembly failed to open flapper valve in packer. Failed tubing. Bottom assembly in Hovee pump out cementer was partially sheared. Re-dressed seal assembly. Waiting on Halliburton to repair tool.
- 7/15 Ran tubing with seal assembly and Hovee pump out cementer. Tagged flapper valve. Spaced out. Could not load hole with water. Flapper valve on packer broken while spacing out. Stripped tubing out of hole. Ball in standing valve of Hovee tool missing. Rigging up to run another packer.
- 7/16 Ran Baker Model "B" packer on wire. Set bottom of packer at 4057. Ran tubing with 4 sets of seals on locator assembly and Hovee pump out cementer. Tagged flapper valve on top packer. Spaced out with bottom set of seals in top packer. Attempted to load hole, failed. Lowered top seal assembly to top packer. Loaded hole. Circulated with good returns. Rigged up. Again circulated with good returns. After mixing 300 sacks linear cement, 6% gel with good returns, pump pressure increased from 800psi to 2000psi. Tubing then went on vacuum. Chasing remained full of fluid. Displaced Hovee pump out plug to cementer. Pumped out inside of tool with 2000psi. Continued pumping water until seal was rigged up. Swabbed approximately 36 bbls. water. Well kicked off flowing. After 12 hrs. flowing, productivity increasing. Still making spray of water. Released rig. To continue to blow well.
- 7/17 Continued blowing well. Measured flow at 1800 MCF/day with Pitot tube.
- 7/18 Intermittently blowing well to clean. To schedule deliverability test after workover. Waiting for El Paso Natural Gas Co. to turn well in to line.
- 8/8 Turned on line at 12:01 A.M., August 8, 1962, flowing at rate of 749 MCFD. At end of 9 hours, flowing at rate of 697 MCFD. Average for 9-hour period, 701 MCFD.
- 8/9 Flowing at rate of 588 MCFD.
- 8/10 Flowing at rate of 546 MCFD.

Johnston-Petroleum #3
NEW Section 18-Johnston
San Juan County, New Mexico

Details of work:

1968
7/12 Plug choke set at 3400'. Plugged up. Pulling tubing.
7/13 Pulled 100 lbs. tubing, retrieved plug set in tubing at 3400', ran McGough
aluminum bridge plug and set bridge plug one joint off bottom in the tubing.
Pulled total of 150 joints tubing. Ran Baker Model "D" packer on wire line,
set at 4021.5', McGough measurements. Tested flapper valve, held 0.5.
Ran 157 joints tubing with seal assembly and Halliburton pump out cement.
were spaced out when unit failed. Now waiting on another unit to pull in to
complete job.
7/14 Moving in pulling unit. Withdrew spacing out. Seal assembly failed to open
flapper valve in packer. Pulling tubing. Bottom assembly in howo pump out
cement was partially ahead. Re-dressed seal assembly. Waiting on Halli-
burton to repair tool.
7/15 Ran tubing with seal assembly and howo pump out cement. Tagged flapper
valve. Spaced out. Could not load hole with water. Flapper valve on packer
broken while spacing out. Stripped tubing out of hole. Ball in standing
valve of howo tool missing. Making up to run another packer.
7/16 Ran Baker Model "D" packer on wire. Set bottom of packer at 4087'. Ran tubing
with a case of seals on locator assembly and howo pump out cement. Tagged
flapper valve on top packer. Spaced out with bottom set of seals in top packer.
Attempted to load hole, failed. Lowered top seal assembly to top packer.
Loaded hole. Circulated with good returns. Making up. Again circulated with
good returns. After mixing 300 sacks inner cement, 50 gal with good returns,
pump pressure increased from 800 to 2000. Tubing then went on vacuum. Howo
line remained full of fluid. Displaced howo pump out plug to cement. Pumped
out inside of tool with 2000. Continued pumping water until sweep was lifted up.
Swapped approximately 30 miles water. Well kicked off flowing. After 15 hrs.
flowing, productivity increasing. Still making spray of water. Released rig.
To continue to flow well.
7/17 Continued flowing well. Measured flow at 1800 MCF/day with Pilot tube.
7/18 Intermittently flowing well to steam. To schedule daily/weekly test after
shutdown. Waiting for El Paso Natural Gas Co. to run well in to line.
8/5 Turned on line at 12:01 A.M., August 5, 1968, flowing at rate of 109 MCF/day.
end of 9 hours, flowing at rate of 657 MCF/day. Average for 9-hour period, 101
MCF/day.
8/9 Flowing at rate of 200 MCF/day.
8/10 Flowing at rate of 240 MCF/day.

Johnston-Federal #3
Details of Work
Page 2.

8/11 No report.
8/12 No report.
8/13 No report.
8/14 Acidized with 500 gals. 15% MCA. Shut in overnight. Flow well to atmosphere
3 hrs. Turned in to line.
8/15 Flowing at rate of 693 MCFD.
8/16 Flowing at rate of 719 MCFD.
8/17 Flowing at rate of 707 MCFD.

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