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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SF078439
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

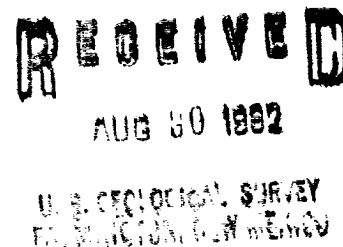
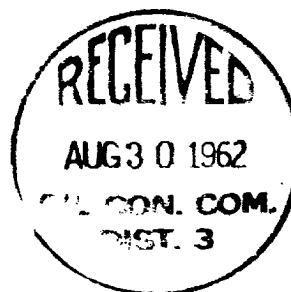
Well No. 3 is located 990 ft. from N line and 990 ft. from E line of sec. 12
NE/4 Section 12 30N 9W NMPM
(Of Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco Mesaverte San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

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 M. Head

Title District Superintendent

UNION TEXAS PETROLEUM CORPORATION

SUITE B-400, 1740 BROADWAY

DENVER 2, COLORADO

KEYSTONE 4-2276

Johnston-Federal #3
 NE/4 Section 12-30N-9W
 San Juan County, New Mexico

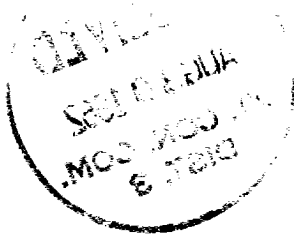


Details of Work:

1962

- 7/12 Plug choke set at 3486. Rigged up. Pulling tubing.
- 7/13 Pulled 100 jts. tubing, retrieved plug set in tubing at 3486', ran McGallough aluminum bridge plug and set bridge plug one joint off bottom in the tubing. Pulled total of 179 joints tubing. Ran Baker Model "B" packer on wire line, set at 4091.5', McGallough 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. Pulling 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 4097. 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. Riggled up. Again circulated with good returns. After mixing 300 sacks Hovee cement, 6% gel with good returns, pump pressure increased from 800psi to 2000psi. Tubing then went on vacuum. Casing remained full of fluid. Displaced Hovee pump out plug to cementer. Pumped out inside of tool with 2400psi. Continued pumping water until snub 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 769 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 528 MCFD.
- 8/10 Flowing at rate of 540 MCFD.

Johnston-Federal #3
NW 1/4 Section 12-30N-24W
San Juan County, New Mexico



Details of Work:

1962

7/12
7/13

Pipe chase set at 3486. Rigged up. Pulling tubing. Retrieved plug set in tubing at 3486', ran McCullough aluminum bridge plug and set bridge plug one joint off bottom in the tubing. Pulled total of 129 joints tubing. Ran Baker Model "D" packer on wire line, set at 4011.2', McCullough measurements. Tested flapper valve, held C.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. Pulled tubing. Bottom assembly in Howco pump out cementer was partially sheared. Re-dressed seal assembly. Waiting on Halliburton to repair tool.

7/15

Ran tubing with seal assembly and Howco 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. Well in standing valve of Howco tool missing. Rigging up to run another packer. Ran Baker Model "D" packer on wire. Set bottom of packer at 4087'. Ran tubing with 4 sets of seals on leastor assembly and Howco 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. Ripped up. Again circulated with good returns. After mixing 308 sacks Incon cement, 2 1/2 gal with good returns, pump pressure increased from 800# to 2000#. Taking then vent on vacuum. Gas- ing remained full of fluid. Displaced Howco pump out plug to cementer. Pumped out inside of tool with 2400#. Continued pumping water until wash was rigged up. Swapped approximately 36 bags 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
7/18

Continued blowing well. Measured flow at 1800 MCF/day with Pitot tube. Intermittently blowing well to clean. To schedule daily flow 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 769 MCFPD. At end of 9 hours, flowing at rate of 671 MCFPD. Average for 9-hour period, 701 MCFPD.

8/9
8/10

Flowing at rate of 768 MCFPD.
Flowing at rate of 740 MCFPD.

Johnston-Federal #3
Summary of Work
Page 2.

8/11 No report.
8/12 No report.
8/13 No report.
8/14 Acidized with 500 gals. 15% HCl. Shut in overnight. Blew 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.



Page 2.
Office of Work
Laboratory-Federal

8/11	Flowing at rate of 101 MCF/D.
8/12	Flowing at rate of 119 MCF/D.
8/13	Flowing at rate of 99 MCF/D.
8/14	2 days. 2 turned in to line.
8/15	Added with 500 gals. 125 MCA. Shut in overnight. When well to production

