

dugan production corp.

JEROME L. McHUGH
 Pirone
 1850' TST - 1850' TEL
 Sec 35 124N RIW
 Rio Arriba County, NM

MORNING REPORT

- 6-10-81 11:00 PM James Drilling Co. rig. Spudded 6-3/4" hole at 5:00 p.m. 6-11-81. Drilled to 115'. Ran 3 jts. 7" OD, 34#, 6 Rd, ST&C csg. T.C. 109.95' set at 110' W.C. Cemented w/ 50 sk class "B" neat plus 2% CaCl₂ POB at 9:00 p.m. 6-11-81. W.O.C.
- 6-13-81 965' - Drilg. Vis 40 20% LCM
 4° @ 962' - lost circ. @ 140' - losing approx. 90 bbls.
- 6-14-81 1613' - Trip Wt. 9.1 Vis 38
 Down 12 hrs - lost circulation
- 6-15-81 2250' - Drilg. Wt. 9.8 Vis 48 20% LCM
 4° @ 256'
- 6-16-81 2732' -
- 6-17-81 T.C. 2742' - 100% ONL logs by Gearhart. Trip and laid down 111 pipe & collars. Ran 68 jts 4 1/2" OD, 10.5# K 55, 6 Rd, ST&C csg. T.C. 2740.29' set @ 2733' GL. Cemented w/ 10 bbls mud flush followed by 125 sks 65-35 plus 12% gel, 1/4# floccle per sk and 12-1/2# Gilsomite per sk. Followed by 75 sks class "B" w/ 12 1/2# Gilsomite per sk & 1/4# floccle per sk. Squeezed pipe OK while cementing. Had mud and returned with pump log 2741.1'. No interval and lost returns for 4 hrs. Circ. recovered - containing 15 bbls of mud - 0.0.B. @ 3:00 AM 6-17-81. Cement top 100 ft. 100' surface.

DAILY REPORT

7-2-81 Move in and rig up MTK Inc. Rig #2. Pick up workstring of tubing. T.I.H. to 2588' G.L. Rig down.

7-3-81 Rig up Western Co. and spot 250 gals 7½% HCL from 2588' to 2215' GL. Move in and rig up MTK Inc. Rig #2. P.O.D.H. w/ tbg. Rig up Detronics Inc. and run GR-CCL log from 2600' to 1600' GL.

Perforate Pictured Cliffs Formation using 3-1/8" hollow carrier gun at 2526', 28, 30, 32, 43, 45, 47, 52, 54, 56, 58 for a total of 11 holes. Rig up Western Co. and foam fracture the Pictured Cliff Formation using 70% N₂ foam as follows:

7,500 gals foam pad
10,000 gals foam w/ 1#/gal 20-40 sand
20,000 gals foam w/ 2#/gal 20-40 sand
1,710 gals foam flush

Total sand: 50,000# 20-40 mesh

Total fluid: 39,210 gals foam (280 bbls H₂O, 72 gals
Adafoam, 354,000 scf N₂)

Treating Pressures: Max +2300 psi, Min +2100 psi, Ave +2200 psi
Ave Injection Rate ±30

Well opened to atmosphere at 7:15 p.m.

7-4-81 Shut well in @ 11:30 AM. Well making approx. 60 MCF/ day and slugging water.

7-5-81 Shut down - Sunday

7-6-81 Pick up production string of tbg. Tag sand @ 2563' GL. Ran 70 jts. of 1-1/4" 2.4#, V-SS, 10Rd EUE tbg. T.E. at 2553.62' set at 2552' GL. Well gassing very lightly. Rig up swab tools and make 3 swab runs. Well gassing lightly after each run. Does not appear to be making water. Making approx. 50 MCF/ day of gas. Rig down.

7-21-81 Move in and rig up MTK Inc. Rig #2. Load hole w/ 36 bbls. of water. P.O.D.H. w/ tbg. Rig up Detronics Inc. and perforate the Nacimiento Formation using a 3-1/8" hollow carrier gun at 1874, 75, 76, 77, 78 and 79 for a total of 6 holes. Well flowed back approx. 15 mins. after perforating. Well making approx. 750 MCF/day w/ heavy mist of water after two hours. Shut in over night.

7-22-81 Well dead at 7:00 a.m. T.I.H. w/ packer and tbg. Ran 1 Baker type "A" packer w/ bull plug on bottom, 2-7/8" perforated nipple, 60 jts. of 1½" 2.4# V-SS 10 Rd EUE tubing and one 2 3/8" 4.7# 8 Rd EUE nipple. T.E. 1922.45' Packer set at 1925' RKB w/ 9000# tension. Install well head and rig up swab tools.

JEROME P. 1 & HUGH
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- 7-23-81 Swabbed well for two hours, small shows of gas before and after each run, but unable to lower fluid level below 1000'. Unseat packer and P.O.O.H. w/ tbg. Remove bull plug and perforated nipple. T.I.H. w/ packer and tbg. Could not get back to bottom, stacked out at 2538' RKB. P.O.O.H. w/ packer and tbg. Reverse packer and T.I.H. Ran Baker type "A" packer, 78 jts. of 1 1/2" 2.4#, V-55, 10 Rd, EUE tbg., 2-3/8" landing joint. T.E. 2528.62' set at 2531' RKB. Packer set in compression w/ 4500#. Flange up well head.
- 7-24-81 Rig up swab tools and begin swabbing, unable to get to bottom w/ swab due to sand and gas pockets. Made 5 runs from 1800' and kicked well off. Flowing approx. 150 MCF/day of gas w/ heavy slugs of foam and frac sand. Well left flowing to pit over night.
- 7-25-81 Well flowing small amount of gas w/ occasional slugs of foam, shut well in. Rig down.



dugan production corp.

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FAX TRANSMITTAL

DATE: 7-28-94 TIME: 2:09 PM

TO: Frank Chavez

COMPANY: Nmeco

DEPARTMENT: _____

FAX NO. 334-6170 TELEPHONE NO. _____

You should receive 4 pages including this cover sheet. If you did not receive all pages or are unable to read any pages please contact:

FROM: John Roe TELEPHONE NO. (505) 325-1821

Frank -

As we discussed on the phone, I'm sending you a copy of our daily drilling & completion report which provides details of our work activity on Jerome P. All-Hugh's Pitman #1 for the period 4/1/81 thru 7/1/82. This report presents all drilling & completion activity which we have recorded at. This well was reported to be 1st determined into EPNS's pipeline on 1-26-82.

Let me know if you have any questions or need anything additional.

John Roe