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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

|   |                              |
|---|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>LG 1288   |                              |

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)

|  |  |  |
|--|--|--|
| 1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-  |  | 7. Unit Agreement Name                                       |
| 2. Name of Operator<br>Merriam Oil & Gas Corporation   |  | 8. Farm or Lease Name<br>Jalapeno                            |
| 3. Address of Operator<br>P. O. Box 1017, Farmington, New Mexico 87499   |  | 9. Well No.<br>1   |
| 4. Location of Well<br>UNIT LETTER <u>C</u> , <u>790</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM<br>THE <u>West</u> LINE, SECTION <u>16</u> TOWNSHIP <u>25N</u> RANGE <u>28W</u> NMPM. |  | 10. Field and Pool, or Wildcat<br>Dufers Point Gallup Dakota |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>6602' KB, 6589' GL  |  | 12. County<br>San Juan                                       |

16.

## Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

### NOTICE OF INTENTION TO:

|  |   |
|--|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     |
| PULL OR ALTER CASING <input type="checkbox"/>  | OTHER <input type="checkbox"/>            |

### SUBSEQUENT REPORT OF:

|   |   |
|---|---|
| REMEDIAL WORK <input type="checkbox"/>              | ALTERING CASING <input type="checkbox"/>  |
| COMMENCE DRILLING OPNS. <input type="checkbox"/>    | PLUG AND ABANDONMENT <input type="checkbox"/>   |
| CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <u>PBTD, Well History, First Production</u> <input checked="" type="checkbox"/> |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

Well History attached.  
PBTD 6724' KB.  
First Production - 7/22/83.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Operations Manager DATE 7/25/83

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
JUL 26 1983  
OIL CON. DIV. 1  
DIST. 3

MERRION OIL & GAS CORPORATION

Jalapeno No. 1  
Sec. 16, T25N, R8W  
San Juan County, New Mexico

- 4/19/83 Move in, rig up Young Drilling. TD 213'. Current operation waiting on cement. Set 201' of 8-5/8" surface casing @ 213' KB with 170 sx (200.60 cu. ft.) cement.
- 4/20/83 TD 1690. Current operation drilling. Survey: 220' - 3/4°; 1690' - 1/2°. Mud wt. 9.0, Vis. 32, Water Loss 9.0.
- 4/21/83 TD 3095. Current operation drilling. Mud wt. 9.0, Vis. 32, Water Loss 12. Survey: 2712' - 1/2°.
- 4/22/83 TD 3740. Current operation drilling. Survey: 3292' - 1°. Mud wt. 9.0, Vis. 30, Water Loss 12.
- 4/23/83 TD 4370. Current operation drilling. Mud wt. 9, Vis. 30, Water Loss 12. Survey: 3292' - 1°.
- 4/24/83 TD 4827. Current operation drilling. Mud wt. 9, Vis. 29, Water Loss 13. Survey: 4538' - 1-1/4°.
- 4/25/83 TD 5425. Current operation drilling. Mud wt. 9.1, Vis. 30, Water Loss 10.
- 4/26/83 TD 5985. Current operation drilling. Mud wt. 9, Vis. 30, Water Loss 12.
- 4/27/83 TD 6465. Current operation drilling. Mud wt. 9.1, Vis. 32, Water Loss 10.
- 4/28/83 TD 6656. Current operation drilling. Survey: 6500' - 1-1/4°. Mud wt. 9.0, Vis. 32, Water Loss 10.
- 4/29/83 TD 6769. Current operation: circulating to 750. Mud wt 9.2, Vis. 200. Survey: 6769' - 1-1/2°.
- 4/30/83 Log down @ 11:30 AM. Unable to get below 765' KB with second log (Neutron-Density). Rig down loggers. Trip in with drillpipe. Ream out bad spot @ 700 - 800'. Clean out to bottom. Trip out laying down. Ran 4-1/2", 11.6 #/ft. J-55, R-3, 8 rd ST&C as follows: (MKK and CSTC)
- |                                   | LENGTH   | DEPTH   | DEPTH, KB |
|-----------------------------------|----------|---------|-----------|
| 1 Bakerline Shoe                  | 1.0'     | 6783.55 | 6769'     |
| 1 4-1/2", 11.6 #/ft. CSTC Shoe Jt | 42.07    | 6740.48 |           |
| 1 Bakerline Float Collar          | 1.60     | 6738.88 | 6724      |
| 46 jts. 4-1/2, 11.6 #/ft. CSTC    | 1929.87  | 4809.01 |           |
| 1 Bakerline Stage Tool            | 1.60     | 4807.41 | 4793'     |
| 3 jts. 4-1/2 11.6 #/ft CSTC &     |          |         |           |
| 117 jts. 4-1/2" 11.6 #/ft MKK     | 4807.41' |         |           |
- Circulated 1-1/2 Hours to condition mud. Rig up Dowell and cement first stage with 600 sx Class H, 2% gel, 1.22 cu. ft/sk (732 cu. ft.), good circulation.
- 5/1/83 1st stage plug down @ 7:00 Am. Circulated 4 hours between stages. Cemented second stage with 940 sx Class B, 2% D-79, yield 2.06 cu. ft/sk, (1936 cu. ft.), tail in with 50 sx Class H, 2% gel, yield 1.22 cu. ft/sk, (61 cu. ft.). Good circulation. Circulated 1/4 Bbl good cement to surface. Plug down @ 1:00 PM. Landed casing as cemented and cut off. Waiting on cement.
- 5/3/83 Waiting on completion. Set 1 400 Bbls production tank and Olman Heath unit.
- 5/4/83 Work on installing surface equipment. Waiting on completion.

RECEIVED  
JUL 26 1983  
OIL CON. DIV.  
DIST. 3

MERRION OIL & GAS CORPORATION

Jalapeno No. 1  
Sec. 16, T25N, R8W  
San Juan County, New Mexico

6/1/83 Move in, rig up Star W. Shut down overnight.

6/2/83 Picked up 2-3/8" tubing off the racks and tripped in hole with 3-7/8" rock bit, casing scraper and tubing. Tagged stage tool @ 4793' KB. Rigged up pump and pit to drill. Pressure tested casing to 4200 PSI. Held good. Drilled out stage tool and pressure test to 4200 PSI. Held 4200 for 30 seconds and pressure bled off to 1000 PSI quickly. Pumped into well, 1700 PSI, 1.5 BPM, ISIP 1000 PSI. Trip in hole and clean out to 6724' KB, PBTD. Trip out of hole with 2-3/8" tubing. Shut down overnight.

6/3/83 Tripped in hole with Model R packer on 2-3/8" tubing. Pressure tested with Dowell and found hole between 4579'KB and 4595'KB. Pulled packer to 3993'KB. Mixed and pumped 50 sx Class H Cement 1% CaCl. Yield of 1.05 cu.ft/sk. Density of 16.4. 9 Bbls. slurry, displaced with 18 Bbls of water. Tubing cleared of cement by 2 Bbls. 1400 psi pumping, ISIP 1000 PSI. Shut in 10 minutes. Pumped 1/2 Bbl. 1/8 Bbl/min. 1400 PSI, ISIP 1000 PSI. Shut in 5 minutes. 1000 PSI. Pumped 1/2 Bbl. /min. 1450 PSI, ISIP 1000 PSI. Shut in 10 minutes. 1000 PSI pumped 1/2 Bbl @ 1400 PSI 1/8 Bbl/min. ISIP 1200 PSI. Shut in 5 minutes. 1050 PSI. Pumped 1/2 Bbl @ 1/8 Bbl./min. Pressured up to 3500 PSI held for 10 minutes, Dowell bled pressure off to 2500 PSI. Shut tubing in. Rig pump holding 1500 PSI on casing. Shut in casing with 1500 PSI. Shut well in with 4 Bbls cement in casing. 5 Bbls cement outside of casing. Shut down overnight.  
Daily est. cost: \$3,614.35. Cum. est. cost: \$6,214.35.

6/04 Shut down. Waiting on cement.

6/05 Tripped out of hole with 2-3/8" tubing and Baker Model R Packer. Tripped in hole with 3-7/8" rockbit and Baker casing scraper on 2-3/8" tubing. Tagged cement @ 4338'KB and drilled good hard cement to 4628'KB, 290' of solid cement. Fell through cement & pressure tested to 3600 PSI. Pressure broke back to 3100 PSI. Pumping in @ 1 Bbl/min. Start tripping out of hole with bit & scraper. Shut down overnight.  
Daily est. cost: \$1,350.00. Cum. est. cost: \$7,564.35.

6/07/83 Trip out of hole with bit & casing scraper. Trip in hole with Model R Packer on 2-3/8" tubing. Set packer @ 4120'KB. Hole @ 4579'KB. Rig pump pressure up backside to 1500 psi. Rig up Dowell, established injection rate of 3500 psi @ 3/4 Bbl/min. Mix & pump 30 sx Class H cement with 1% CaCl. Yield 1.18 cu ft/sk. 15.6#/gal. density. 7 Bbls. cement slurry. Shut down. Wash up pump & lines. Displace cement @ 3400 psi, casing 1700 psi. Shut down @ 20 Bbls displacement. 4 Bbls. of cement into formation. 3 Bbls cement in casing. Shut down to stage cement. ISIP 1000 psi, 15 minutes. Pump 1/2 Bbl @ 1500 psi, ISIP 1000 psi, wait on cement 15 minutes. Pump 1/2 Bbl @ 1900 psi, ISIP 1000 psi, wait on cement 15 minutes. Pump 1/2 Bbl @ 2400 psi, ISIP 1800 psi, wait on cement 15 minutes. Pump 1/2 Bbl @ 4000 psi, ISIP 3700 psi, wait on cement 15 minutes. Pump 1/8 Bbl @ 4000 psi, ISIP 4000 psi. Watch pressure @ 4000 psi 30 minutes. Dowell bled pressure back to 3000 psi. Casing building pressure packer leak. Shut tubing in 3000 psi, casing in @ 2800 psi. Shut down overnight.  
Daily est. cost: \$3,053.51. Cum. est. cost: \$10,617.86 (CCM)

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OIL CO.

MERRION OIL & GAS CORPORATION

Jalapeno No. 1  
Sec. 16, T25N, R8W  
San Juan County, New Mexico

- 6/08/83 Trip out of hole with tubing & Baker Model R Packer. Trip in hole with 3-7/8" bit & Baker Casing scraper. Tagged cement @ 4376'KB, washed out 33' of cement & drilled 32' of soft cement to 4441'KB. Circulated to clean up & pull 2 stands. Shut down overnight. Waiting on cement.
- 6/09/83 Finished drilling out fairly hard cement. Fell through cement @ 4595' KB. Pressure tested with rig pump. Got up to 3700 psi and pumped in @ 1/2 Bbl/min. Pulled tubing & bit. Tripped in hole open ended to 4608' KB and rigged up Dowell to spot cement across hole. Broke circulation. Mixed and spotted 35 sx Class H Cement with 1% CaCl, 1.05 cu. ft/sk, density 16.4, 6.5 Bbls. slurry, pulled tubing to 4152' KB and reversed tubing. Clean with 20 Bbls. water, got a trace of cement back, shut in tubing & squeezed down backside. Pumped 1.5 Bbls., pressure built steadily to 4500 psi. Watched pressure @ 4500 psi for 20 minutes. Bled pressure back to 4000 psi. Shut well in. Shut down overnight.
- 6/10/83 Tripped out of hole with 2-3/8" tubing. Tripped in hole with 3-7/8" bit & casing scraper. Tagged cement @ 4251' KB. Drilling fairly hard cement. Drilled out to 4441' KB & cement getting softer. Circulated clean & shut down overnight.
- 6/11 Drilled out very hard cement, fell through @ 4660' KB. Spotted @ 4608' KB. Cement moved down hole. Pressure tested. Broke down @ 3800 PSIG. Pump in @ 1/2 Barrel/Minute @ 3800 PSIG. Trip out with tubing. Remove bit & scraper. Trip into 4595' KB. Shut down over weekend.
- 6/12 Shut down. Preparing to squeeze.
- 6/13 Shut down. Preparing to squeeze.
- 6/14/83 - Trip out, pick up Model R Packer. Trip in. Set @ 4672' KB - pressure test down tubing to 4000 PSIG. Held OK. Reset @ 4639' KB. Pressure test down tubing. Held OK @ 4000 PSIG. Reset @ 4606' KB. Pump in down tubing @ est. 1/2 Bbl/Min. - 3800 PSIG. Reset @ 4611' KB. Pressure down tubing to 4000 PSIG, held OK. Pressure backside, pump in @ est. 1/2 Bbl/Min @ 4000 PSIG - 3800 PSIG. Release packer, trip out. Lay down packer. Trip in open ended to 4633' KB. Rig up Dowell. Establish injection rate 1/8 Bbl/Min @ 4450 - 4475 PSIG. Decided not to squeeze. Release Dowell. Trip into PBID and clean out. Pull off bottom. Shut down overnight.

MERRION OIL & GAS CORPORATION

Jalapeno No. 1  
Sec. 16, T25N, R8W  
San Juan County, New Mexico

6/15

Rigged up Western Company to spot 500 gallons, 15% HCL across the perfs. Tripped out of hole with 2-3/8" tubing. Rigged up Geosource Wirline. Ran Gamma-ray correlation fro 6733' KB to 4300' KB. Perforate 4-1/2" casing with 3-1/8" casing guns, 2 shots per foot from 6493'KB - 6518' KB. Total of 50 hole in 25'. Rigged down loggers and Rig up Western Company. Obtained injection rate of 41 Bbl/min. @ 2400 PSI. Shut down. Prepare to frac. Fluid - 2.5#/1000 FR-2(slickwater) with 1 gal per 1000 aquaflow. 15#/1000 Aquaseal. Frac as follows:

|             |                    |
|-------------|--------------------|
| 20,000 Gal. | Slickwater pad     |
| 70,000 Gal. | 1#/gal. 20/40 sand |
| 4,200 Gal.  | Slickwater flush   |

Total Sand - 70,000 Lbs. 20/40 sand.  
Treating pressure minimum 2800 PSI - maximum 3050 PSI. Avg. treating pressure 2950 PSI. 41 BPM injection rate. ISIP 2000 PSI  
Shut in pressure after 15 minutes - 1600 PSI.  
Total water to recover: 2,279 Bbls.  
Shut well in for 1 hour. Flowed well back to reserve pit. Well flowing through 3/4" choke @ 0 PSI. No oil 1st hour. Put flow to frac tank overnight.

6/16/83

7:00 AM. Well flowing overnight made 3'5" in frac tank. 110.6 Bbls. Fluid sample showing 50% oil, 50% water. Well gassing and bringing slugs of fluid. Ran sinker bars and depthometer. Showed sand fill @ 6650' KB. 74' of sand, 132' below bottom perf. Trip in hole with 2-3/8" tubing, saw tooth collar on bottom, seating nipple 1 joint off bottom. Set tubing above perfs and swab. Fluid @ 800'. Made 6 swab runs. Swabbed 45 Bbls. Well kicked off flowing. 50 PSI casing pressure. Well made 25 Bbls fluid in 1 hour. Sample showing 30% oil. Made 8 Bbls fluid in the next 2 hours. Casing pressure 100 PSI - making more gas. Left well flowing overnight. Shut down overnight.

6/17/83

7:00 AM. Well made 8 Bbls fluid overnight. Casing 300 PSI. Making a lot of gas. Pumped 15 Bbls to kill tubing. Trip out of hole with tubing. Rigged up Geosource Wireline. Set wireline set retrievable bridge plug @ 6200' KB. Rig up Western Company to pressure test plug to 4500 PSI. Pressure bled off 600 PSI in 3 minutes. Levelled off @ 3300 PSI. Rigged up Geosource to perforate per Open Hole Induction Log as follows:  
1 hole each: 6088, 6026, 6022, 6018, 6010, 5995, 5980, 5970, 5922, 5873, 5858, 5848, 5842, 5837, 5782, 5764, 5756, 5745, 5660, 5655, 5650, 5640, 5630' KB. Total 23 holes. Rigged down perforators.

Rigged up Mountain States Oil Tools to straddle pack perfs. Trip in hole to 6100' KB. Western rolled the hole with lease crude and spotted 300 gal. 15% HCL, 2 gal. I-15 and Aquaflow. Started breakdown. Mountain States unable to get on depth. Refigured tally and got on depth. Broke-down as follows:

1. 6088' KB, 1 hole, brokedown @ 2400 PSI. ISIP 1200 PSI.
2. 6018 - 26' KB, 3 holes, brokedown @ 2150 PSI. ISIP 1000 PSI.
3. 6010' KB, 1 hole, brokedown @ 2400 PSI. ISIP 1200 PSI.
4. 5995' KB, 1 hole, brokedown @ 2400 PSI. Communicated.
5. 5970 - 80' KB, 2 holes, brokedown @ 1550 PSI. Communicated.
6. 5922' KB, 1 hole, brokedown @ 2500 PSI. ISIP 900.
7. 5873' KB, 1 hole, brokedown @ 2700 PSI. No ISIP.
8. 5858' KB, 1 hole, brokedown @ 1800 PSI. ISIP 700 PSI.
9. 5837 - 48' KB, 3 holes, brokedown @ 2500 PSI. ISIP 700 PSI.
10. 5782' KB, 1 hole, brokedown @ 4000 PSI. ISIP 700 PSI.
11. 5756 - 64' KB, 2 holes, brokedown @ 3300 PSI. ISIP 700 PSI.
12. 5745' KB, 1 hole, brokedown @ 2900 PSI. ISIP 1800 PSI.  
5745' KB, 1 hole, brokedown @ 2450' PSI. ISIP 1400 PSI.
13. 5650 - 60' KB, 3 holes, brokedown @ 2500 PSI. ISIP 1300 PSI.
14. 5640' KB, 1 hole, brokedown @ 2000 PSI. ISIP 1100 PSI.
15. 5630' KB, 1 hole, brokedown @ 2600 PSI. ISIP 1200 PSI.
16. 5630' KB, 1 hole, brokedown @ 1700 PSI. Communicated.

Release packers, pull 6 stands, shut down overnight.

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JUL 26 1983

OIL CON. DIV.  
DIST. 3

MERRION OIL & GAS CORPORATION

Jalapeno No. 1  
Sec. 16, T25N, R8W  
San Juan County, New Mexico

6/18/83 Trip out of hole with 2-3/8" tubing and Mountain States straddle packers. Rigged up Western Co. (Harry Mitchell, treater) to frac Gallup with Maxi-0-74 gelled oil, 1 gal/1000 Aquaflo, 25 #/1000 Aquaseal as follows:

|             |                         |
|-------------|-------------------------|
| 15,000 Gal. | Gelled Oil Pad          |
| 500 Gal.    | 1 #/gal. 20/40 sand     |
| 10,000 Gal. | 2 #/gal. 20/40 sand     |
| 10,000 Gal. | 3 #/gal. 20/40 sand     |
| 15,000 Gal. | 3-1/2 #/gal. 20/40 sand |
| 10,500 Gal. | 4 #/gal. 20/40 sand     |
| 2,500 Gal.  | 4 #/gal. 10/20 sand     |
| 3,554 Gal.  | Gelled Oil Flush.       |

20/40 sand - 166,500 lbs.

1/20 sand - 10,000 lbs.

Total sand - 176,500 lbs sand.

Treating pressure minimum - 2300 PSI, Maximum - 3000 PSI, Average - 2450 PS

Average rate - 31 BPM.

ISIP 1800 PSI - after 15 minutes, 1650 PSI.

After 3 hours, 1500 PSI.

Total fluid to recover - 1753 Bbls oil.

Shut well in 3 hours. Flowed well back to frac tanks overnight.

Shut down overnight.

6/19/83 Well made 839 Bbls overnight. Casing 25 PSI. Flowing through 1/2" choke. Opened choke to 3/4" and tested well 1 hour. Well made 3 Bbls. Trip in hole with bridge plug retrieving head on 2-3/8" tubing. Tagged sand @ 6068' KB. Bottom perf covered @ 6088' KB. Pumped away 185 Bbls oil. Never got circulation. Pulled tubing up to approximately 5620' KB. Hung off tubing in wellhead. Rigged down BOP's, flanged up wellhead and started swabbing. Shut down overnight. Well not flowing - gassing some.

6/20/83 Well came in sometime in the early AM and made 39 Bbls oil. Casing on vacuum, tubing flowing through 3/4" choke.

Well flowing - made 222 Bbls overnight flowing to frac tanks.

Casing 150 PSI. 3/4" choke. Total stocks in frac tanks 1581 Bbls. (CCM)

6/21/83 222 Bbls oil. Venting tank. Tubing 25 PSIG. Casing 150 PSIG. Total load oil - 2165 Bbls. 584 Bbls load oil to recover.

6/22/83 35 Bbls oil. Venting gas. Tubing 0 PSIG. Casing 200 PSIG. 549-Bbls load oil to recover.

6/23/83 30 Bbls oil. Venting gas. Tubing 0 PSIG. Casing 200 PSIG. Logged off.

Corrected load oil 1954. 307 Bbls load oil to recover.

6/24/83 Rigged up Big A. Hot oiled with 22 Bbls lease oil. Swabbed 10 runs. Well gasing for 5 to 10 minutes after each run with very little fluid. Fluid level remaining at approximately 4000 ft. Casing pressure down to 200 PSI. Swabbed back 22 bbls load oil and 21 bbls additional.

6/25/83 0 Bbls oil. Venting gas. Tubing 75 PSIG. Casing 400 PSIG. Found fluid level @ 4100'. Found 62' of sand fill - top @ 6138 - below bottom perf @ 6088. Swabbed well 6 runs. Swabbed back approximately 10 Bbls. Put production unit in service. Instantaneous rate of 100 MCF. 8 lbs on 1/2" plate. Well gasing but not flowing oil. (JCA & TM)

6/26/83 0 Bbls oil. Venting gas. Tubing 150 PSIG. Casing 475 PSIG.

6/27/83 0 Bbls oil. Venting gas. Tubing 280 PSIG. Casing 475 PSIG. (JCA)

6/28/83 Repaired valve on supply gas to unit. Well back on @ 10:00 AM. Well logged off after 2 hours.

6/29/83 28 Bbls oil. Venting gas. Tubing 130 PSIG. Casing 500 PSIG. (Venting 25 MCF/Day.)

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MERRION OIL & GAS CORPORATION

Jalapeno No. 1  
Sec. 16, T25N, R8W  
San Juan County, New Mexico

6/30/83 16 Bbls oil. Venting gas. Tubing 100 PSIG. Casing 500 PSIG.  
242 Bbls load oil to recover.

7/1/83 21 Bbls oil. Venting gas. Tubing 180 PSIG. Casing 500 PSIG.  
221 Bbls load oil to recover.

7/2/83 16 Bbls oil. Venting gas. Tubing 100 PSIG. Casing 500 PSIG.

7/3/83 40 Bbls oil. Venting gas. Tubing 10 PSIG. Casing 400 PSIG.

7/4/83 No production. Tubing 0 PSIG. Casing 400 PSIG. Shut well in  
to build pressure.

7/5/83 Shut in to build pressure.  
165 Bbls load oil to recover.

7/6/83 Shut in to build pressure. 165 Bbls load oil to recover.

7/7/83 Shut in to build pressure. 770 PSIG on casing.  
Shot fluid level. Fluid level @ 5830' - 185' joints deep from  
Ecometer. Calculated static bottom hole pressure @ 5830' is 915  
PSIG. Well shut-in for 3 days. Pressure @ shut-in 400 PSIG -  
casing.

7/8/83 Shut in to build pressure.  
165 Bbls load oil to recover.

7/9/83 SIP casing 880 PSI. Fluid level @ 5830'. Static BHP - 1050 PSI, cal-  
culated. Turned on well after test. Shut-in time 6 days total.

7/10/83 25 Bbls oil. Venting gas. Tubing 150 PSIG. Casing 500 PSIG.

7/11/83 0 Bbls oil. Venting gas. Tubing 110 PSIG. Casing 500 PSIG.  
140 Bbls load oil to recover.

7/12/83 0 Bbls oil. Venting gas. Tubing 190 PSIG. Casing 500 PSIG.  
Lost supply gas. Unit temperature was too high. Now running  
OK.

7/13/83 3 Bbls oil. Venting gas. Tubing 180 PSIG. Casing 500 PSIG.  
137 Bbls load oil to recover.

7/14/83 3 Bbls oil. Venting gas. Tubing 190 PSIG. Casing 500 PSIG.  
134 Bbls load oil to recover.

7/15/83 0 Bbls oil. Venting gas. Tubing 75 PSIG. Casing 500 PSIG.  
134 Bbls load oil to recover. (JCA)  
Repaired dump on High pressure vessel and back pressure valve on  
low pressure vessel.  
Bypassed production unit flowing to tank. Replaced bad gauge on tubing.  
Actual pressure was 75 PSIG.

7/17/83 32 Bbls oil. Venting gas. Tubing 25 PSIG. Casing 300 PSIG.  
102 Bbls load oil to recover.

7/18/83 0 Bbls oil. Venting gas. Tubing 0 PSIG. Casing 475 PSIG.  
Gassing slightly. 102 Bbls load oil to recover.

7/19/83 0 Bbls oil. Venting gas. Tubing 0 PSIG. Casing 475 PSIG.  
Gassing slightly. 102 Bbls load oil to recover.

7/19/83 Move in, rig up Bayless Rig 4. Hot oiled with 70 Bbls oil.  
Ran 14 joints and tagged up. Tripped out. Sand @ 6051' KB. Tally  
out. Load hole with 70 Bbls. Rig up hydrostatic bailer. Trip in.  
Pick up 120' of sand and tagged bridge plug. Trip out. Shut down  
overnight.

7/20/83 Trip in with straddle packers and set across perfs 5974 - 6030',  
7 holes; started swabbing @ 10:50 AM. Found fluid @ 3800'.  
Made 5 runs off seating nipple, time 12:10 PM. Swabbed 28.5 Bbls  
oil in 1 hour 20 minutes. Fluid level stabilized @ 4500'. Made  
4 more runs off seating nipple, time - 1:15 PM. Fluid level still  
4500'. Swabbed 16 Bbls in 1 hour 5 minutes. Fluid is gas cut. No  
attempt to flow. Released packers and reset across perfs 5840 - 5876',  
5 holes; found fluid @ 3500'. Made 5 runs, swabbed fluid down to  
5000' in 1 hour 10 minutes. Made total of 13 Bbls. Appears oil not  
coming in very fast - some gas. Reset packers across perfs 5749 - 5785',  
4 holes. Found fluid @ 4500'. Swabbed down to seating nipple @ 5700'  
in 4 runs over 1 hour 15 minutes. Made 5 Bbls of very foamy oil. No  
fluid coming in.  
Reset packers across perfs 5634 - 5663', 5 holes. Found fluid @ 4300'.  
Swabbed down to seating nipple in 2 runs over 20 minutes. Made 6.5 Bbls  
of very foamy oil - no fluid coming in. Shut down overnight.

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JUL 26 1983

OIL CON. DIV.  
D-3

MERRION OIL & GAS CORPORATION

Jalapeno No. 1  
Sec. 16, T25N, R8W  
San Juan County, New Mexico

7/21/83 Tested perfs @ 5634 - 5663' KB. Started @ 2300 PSI, 1/3 BPM. Broke @ 2200 PSI, 1/2 BPM. Pumped 4 Bbls after pressure build up. ISIP 1018 PSI. 1600 PSI in 10 minutes. Swabbed dry. Made 4 runs. Some sand on cup. 0 oil, 0 gas. Unseated packer. Well flowing - killed w/10 Bbls  
2nd setting - 5749 - 5785' KB. Started @ 2100 PSI, 1/2 BPM - increased to 2150 PSI. Not much difference on increase. Pressure fell fast to 1100 PSI in 5 minutes. No swab.  
3rd setting: Could not get packers to hold. Getting blow out of casing. Moved up to split @ 4600'+. Very little fluid. Swabbed dry - just oil. Trip out of hole. Trip in hole with retrieving head for bridge plug. Shut down overnight.  
7/21/83 (Used 60 Bbls lease oil.)  
7/22/83 Trip in hole. Rig up Mo-Te truck. Pumped 40 Bbls oil - washing over bridge plug. Unset bridge plug. Pulled 18 joints. Bridge plug hung up. Pumped 20 Bbls - bridge plug came loose. Ran sinker bar. Set at 6520' KB - bottom of perfs. Ran tubing with Model R packer, seating nipple @ 6457' KB. Ran 205 joints of 2-3/8" tubing. This included 27 joints, 805 ft., of new tubing. Rigged to swab. Pulled 1 run - flowing. Fluid level @ 4140. Casing pressure 400. Not too much gas, a lot of fluid. Used 55 Bbls of lease oil.

RECEIVED  
JUL 21 1983  
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