

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

PAGE -1- of -2-

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator JEM Petroleum Corporation	8. Farm or Lease Name Dilly
3. Address of Operator 3000 N. Garfield, Suite 175 Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER L 1980 FEET FROM THE south LINE AND 660 FEET FROM west LINE, SECTION 21 TOWNSHIP 7-S RANGE 34-E NMPM.	10. Field and Pool, or Wildcat Chaveroo
15. Elevation (Show whether DF, RT, GR, etc.) 4301.12 GL	12. County Roosevelt

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

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Swabbing & trying to isolate hole in casing.

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 1103.

- 7-1-81 4708' TD, 4686' PBTD. San Andres (4651'-78') 14 hour SITP 35 psi. Rigged up to swab. Beginning fluid level at 1000'. Swabbed 10 hrs. Rec 110 bbls load water w/trace of gas. Swabbed well down. Fluid entry 1800'-2000' per hour. 633 bbls load water to recover. SION. This A.M. SITP 15 psi. Beginning fluid level @ 1800'.
- 7-2-81 14 hour SITP 15 psi. RU to swab. Beginning fluid level @ 1800'. Swabbed well down, had 1800' fluid entry per hour. Rec 68 bbls water. Water analysis indicates water is San Andres water.
- 7-3-81 Swabbed 10 hrs. Rec 65 Bbls formation water. Beginning fluid level @ 1800'. Swabbed down. 1800'-2000' fluid entry per hour. SION.
- 7-4-81 Swabbed 10 hrs. Rec 70 bbls formation water. Beginning fluid level @ 1800'. Swabbed down. 1800'-2000' fluid entry per hour. SION.
- 7-5-81 SI over Independence Day.
- 7-6-81 SI over Sunday.
- 7-7-81 Swabbed 65 bbls formation water. Fluid level @ 1800'. Prep to run tracer survey.
- 7-8-81 Ran tracer survey. Indicated fluid being injected thru perf @ 4651' and channeling up around casing to 4590'. POH w/tubing and packer. Prep to squeeze perfs this A.M.
- 7-9-81 RIH w/HOWCO cement retainer. Set @ 4627'. Established injection rate. Squeezed perfs from 4651'-78' w/200 sx Class "C" w/0.3% halad 4 to 3500 psi. PO of retainer and reversed out 3 bbls cement. POH w/tubing and SION.

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

Jeanette Dragisic
Engineer Asst.

SIGNED Jeanette Dragisic TITLE _____ DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

PAGE -2- of -2-

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

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 JEM Petroleum Corporation	8. Farm or Lease Name Dilly
3. Address of Operator 3000 N. Garfield, Suite 175 Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>L</u> <u>1980</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE, SECTION <u>21</u> TOWNSHIP <u>7-S</u> RANGE <u>34-E</u> N.M.P.M.	10. Field and Pool, or Wildcat Chaveroo
15. Elevation (Show whether DF, RT, GR, etc.) 4301.12 GL	12. County Roosevelt

15. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPERATIONS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>Trying to isolate hole in casing</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 1103.

- 7-10-81 Had delays in rigging up drilling equipment due to bad weather. Rigged up and RIH with bit and drill collar. Tagged retainer. SION.
- 7-11-81 Attempted to circulate hole. Could not circulate. Suspect hole in casing. POH with drilling equipment. Started RIH with tubing and packer to isolate hole in casing. SION.
- 7-12-81 Continued to search for hole in casing. Found hole between 3554'-86'. SION.
- 7-13-81 SI over Sunday. Now Preparing to squeeze casing leak at 3554'-86'.
- 7-14-81 RIH w/cement retainer set at 3500'. Tested casing to 1000 psi and tubing to 2000 psi. Squeezed 150 sx Class "C" with 0.3% Halad 4 thru holes in casing. Max pressure 1600 psi. POH w/tubing. SION. Prep to RIH with drilling equipment this A.M.
- 7-15-81 RIH with drilling equipment. Tagged retainer at 3500'. Started drilling on retainer at 2:00 P.M. Retainer is turning under bit. Preparing to attempt to break up retainer.
- 7-16-81 Finished drilling cement retainer and cement to 3527'. Bit is dragging as if casing has been reduced in diameter. SION. Prepare to POH and lay down 3-7/8" bit and pick up 3-3/4" bit.

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

SIGNED Jeanette Dragisic TITLE Engineer Assistant DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

(PAGE -1- of -2-)

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

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator JEM Petroleum Corporation	8. Farm or Lease Name Dilly
3. Address of Operator 3000 N. Garfield, Suite 175 Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>L</u> , <u>1980</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE, SECTION <u>21</u> TOWNSHIP <u>7-S</u> RANGE <u>34-E</u> N.M.P.M.	10. Field and Pool, or Wildcat Chaveroo
15. Elevation (Show whether DF, RT, GR, etc.) 4301.12 GL	12. County Roosevelt

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <u>Swab testing San Andres (4651'-78')</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 1103. (6-6 thru 6-23-81)

6-6 to 6-13 Waiting On Completion Unit. 6-14 Corrected TD 4708'. MIRU Clarke Well Service.
6-15 Unloaded & tallied 2-3/8" tbg. 6-16 PU & RIH w/bit, DC & tbg. Drld out float shoe &
cmt'd to 4708'. Now prep to log & perf. 6-17 Prep to acidize San Andres. RU & RIH w/GR-CCL log.
Perfed San Andres @ 4651', 4652', 4653', 4657', 4659', 4666', 4667', 4675' & 4678'. Started RIH w/
pkr & tbg. 6-18 4708' TD, 4688' PBTd. Swab testing San Andres. Fin RIH w/tbg & pkr. Unable to
set pkr. Dropped SV in attempt to pressure up tbg. Valve wouldn't hold pressure. Tried to fish
SV. Could not get below 900'. POH and LD 7 jts tbg w/bad couplings. RIH w/pkr & set @ 4591'.
RU & acidized San Andres w/2000 gals 15% NEA & 18 BS. Form. started taking fluid @ 3400 psi.
AIR 2.7 bpm @ 3000 psi. Balled out perfs to 3800 psi. ISIP 2200 psi, 15 min SIP 1750 psi.
Bled off pressure. Prep to swab back acid load. 6-19 Swabbed back all of BLW. Prep to frac.
6-20 POH w/tbg & pkr. Frac'd down csg w/30,000 gal gelled KCL wtr w/12,500 # 20-40 sd &
30,000 # of 10-20 sd. AIR 10.9 bpm, ATP 1500 psi. Started pad @ 3600 psi & 10 bpm. Pressure
started decreasing w/sand on perfs & continued to decrease to end of job. Final pumping pressure
1100 psi @ 19 bpm. SI for frac placement. ISDP 750 psi, 15 min SIP 750 psi. 6-21 Opened up
well. Started RIH w/pkr & tbg. Set down on sand @ 3549'. POH w/pkr. RIH w/sand pump. Pmpd 15'
of sand in 3 hrs. 6-22 SI, Prep to RU Reverse unit & wash sand off perfs. 6-23 RU Reverse
Unit. RIH w/bit. Circ out sand bridge from 3564'-3609'. RIH & tagged sand @ 4080'. Drilled
sand to 4250'

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

SIGNED Jeanette Dragisic TITLE Engineer Asst. DATE 6-30-81

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

(PAGE -2- of -2-)

5a. Indicate Type of Lease State <input type="checkbox"/> For <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.

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 - 1" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator JEM Petroleum Corporation	8. Farm or Lease Name Dilly
3. Address of Operator 3000 N. Garfield, Suite 175 Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>L</u> <u>1980</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE, SECTION <u>21</u> TOWNSHIP <u>7-S</u> RANGE <u>34-E</u> N.M.P.M.	10. Field and Pool, or Wildcat Chaveroo
15. Elevation (Show whether DF, RT, GR, etc.) 4301.12 GL	12. County Roosevelt

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

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMERCE DRILLING OPNS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Swab testing San Andres (4651'-78')

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 1103. (6-24 thru 6-30-81) PAGE -2-

6-24 Finished drlg sand to 4688'. Circ to clean hole. POH w/Reverse equip. Started RIH w/pkr & tbg. Power slips failed & dropped 4 jts tbg. & pkr in hole. TIH & screwed into tbg in attempt to set pkr. Packer would not set. POH & LD pkr. Prep to RIH w/new pkr this A.M. 6-25 Started in hole w/pkr & tbg. Pkr hung @ 4596'. Worked loose. Could not go down. POH w/pkr dragging. LD pkr. Pkr was sanded up. Prep to run tbg open ended & circ out sand. 6-26 RIH w/tbg open ended & tagged sand fill @ 4150'. Circ to 4688' w/kill truck. Returns include sand, cement, & chunks of formation. Suspect csg has split. Prep to run csg caliper log to verify condition of csg. 6-27 Ran csg caliper log. No holes indicated except just above shoe @ 4687'. Suspect shoe had come off csg. 6-28 SI 6-29 SI. Prep to set CIBP just above shoe. 6-30-81 RIH w/tbg to TD & circ hole clean. POH w/tbg, RIH and set CIBP @ 4686'. Ran tbg and pkr in hole and set pkr at 4591'. Started swabbing, beginning fluid level at surface. Recovered 45 BBLS load water. Ending fluid level at 2100'. 743 ELWTR. SION.

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

SIGNED Jeanette Dragisic TITLE Engineer Asst. DATE 6-30-81

APPROVED BY _____ TITLE _____ DATE AD

CONDITIONS OF APPROVAL, IF ANY: