

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

NEW MEXICO OIL CONSERVATION COMMISSION

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LAND OFFICE	
OPERATOR	

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Jerome P. McHugh	8. Farm or Lease Name Di's Delight
3. Address of Operator P O Box 208, Farmington, NM 87401	9. Well No. #1
4. Location of Well UNIT LETTER <u>E</u> <u>1850'</u> FEET FROM THE <u>North</u> LINE AND <u>790'</u> FEET FROM THE <u>West</u> LINE, SECTION <u>17</u> TOWNSHIP <u>24N</u> RANGE <u>2W</u> NMPM.	10. Field and Pool, or Wildcat S. Blanco, P.C.
15. Elevation (Show whether DF, RT, GR, etc.) 7096' G.L.	12. County Rio Arriba

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

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☒
OTHER completion ☒

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

See attached report for 4½" csg, 11-10-80; perfs, 12-3-80; frac, 12-5-80;
1½" tbg., 12-11-80.

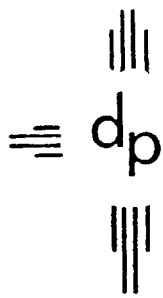


18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Frank T. Chavez TITLE Agent DATE 1-8-81

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE JAN 12 1981

CONDITIONS OF APPROVAL, IF ANY:

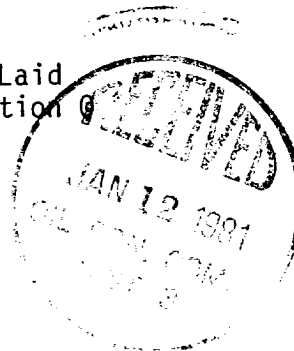


dugan production corp.

JEROME P. McHUGH
Di's Delight #1
1850' FNL - 790' FWL
Sec 17 T24N R2W
Rio Arriba County, NM

MORNING REPORT

- 10-31-80 Moved in and rigged up Salazar Drilling Rig #4. Spudded 9-3/4" hole @ 2:00 p.m. 10-30-80. Drilled to 148'. Ran 3 jts 7" OD, 26#, 8 Rd, csg T.E. 143.78' set @ 144' GL Cemented w/ 60 sx class "B" w/ 2% CaCl - P.O.B. @ 7:45 p.m. 10-30-80. Good cement to surface.
- 11-1-80 1580' - Drlg. Wt. 8.9 Vis 38 W.L. 9.0
- 11-2-80 1950' - Drlg. Wt. 8.9 Vis 37 W.L. 8.9
- 11-3-80 2530' - Drlg. Wt. 9.2 Vis 38 W.L. 8.5
- 11-4-80 2785' - Drlg. Wt. 10.1 Vis 40 P.H. 8.0 W.L. 7.6
- 11-5-80 3022' - Circ. and cond. hole to core. Wt. 10.5 Vis 41 P.H. 8.0 W.L. 8.0
- 11-6-80 Depth 3077' - Trip in hole w/ core bbl to get core #3. (So far, cut two cores 55' Rec. 53' - unable to obtain description.
- 11-7-80 3113' - cutting core #4. Finished cutting core #3. Laid down core and trip in hole w/ core bbl. Lost circulation @ 3105'. Regained circ. and cut 8' core.
- 11-8-80 T.D. 3200' - present operation running logs by Welex.
- 11-9-80 3200' - Running logs by Birdwell (Welex unable to accomplish logging job.)
- 11-10-80 Finished running logs by Birdwell, T.I.H. and laid down drill pipe & collars. Rigged up and ran 84 jts. 4 1/2" O.D., 10.5#, J-55, 8 Rd, ST&C csg. T.E. 3203.16' set at 3198' G.L. Cemented with 10 bbls mud flush followed by 150 sx 50-50 pos w/ 4% gel & 12 1/2# gilsonite per sx, followed by 75 sx class "B" with 12 1/2# gilsonite per sx. Had good mud returns while mixing cement. Lost returns with 30 bbls displacement pumped. Released rig at 4:30 a.m. 11-10-80.



DAILY REPORT

- 12-2-80 Move in and rig up MTK Inc. Ran 97 jts. 1¼" 2.4# V-55 10 Rd EUE tubing; tagged PBTD at 3159'; tubing landed at 3137'
- 12-3-80 Rig up Western Co. Pump 6 bbls water to circulate casing. Spot 250 gals. Acid (7½% HCl) from 3150'-2400'. Lay down tubing; Rig up Welex; Run GR-CCL correlation log from 3140'-2050'. Perforate Pictured Cliffs Formation (w/ 3-1/8" hollow carrier dual-fire gun) at 3093, 3095, 3097, 3099, 3113, 3115, 3150, 3122, 3124, 3126, 3128, 3130, 3132, 3134, 3136. Total 16 shots.
- 12-5-80 Rig up Western Co. for foam frac. Frac began at 11:45 a.m. Pumped 53.5 bbls foam pad (70% N₂) @ 6 bbls/min. Pumped 71.4 bbls 1# 10/20 sand @ 6.8 bbls/min. Pumped 142.8 bbls 2# 10/20 sand @ 7.6 bbls/min. Pumped 14 bbls foam flush (70% N₂) @ 6 bbls/min. Frac finished @ 12:32 p.m.
- S.I.P. 1100 psi. Well opened to atmosphere thru 3/4" choke @ 1:30 p.m.
- 12-7-80 Shut down (Sunday)
- 12-8-80 Shut down, wait on parts
- 12-11-80 Move in & rig up MTK Inc. Ran 95 jts 1¼" 2.4# V-55 10 Rd, EUE tubing, tagged sand at 3103' (bottom 12 perfs plugged. T.E. 3074.98', set at 3073' GL. Released rig.

