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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

1. Indicate Type of Lease State ☒ Fee ☐
2. State Oil & Gas Lease No.
3. Unit Agreement Name
4. Farm or Lease Name State F
5. Well No. 4
6. Field and Pool, or Wildcat Vacuum(Glorieta)
7. County Lea

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL ☒	GAS WELL ☐	OTHER ☐
Name of Operator SHELL OIL COMPANY T & C 237		
Address of Operator P. O. BOX 991, HOUSTON, TX 77001		
Location of Well UNIT LETTER N 330 FEET FROM THE south LINE AND 1980 FEET FROM west LINE, SECTION 29 TOWNSHIP 17 S RANGE 35 E N.M.P.M.		

15. Elevation (Show whether DF, RT, CR, etc.)

3979' DF

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

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOBS ☐	
		OTHER ☐	

6-4-80: SQUEEZE CEMENT BEHIND CASING TO STOP OIL & WATER FLOW

RD pump truck. RU wireline service. Ran CR/CBL/CCL log. Found top of cmt @2900'. Ran perf'g gun & shot 4 squeeze holes from 2844-2845'.
RD

6-5-80: RU cmt pump truck. Attempted to pump down the csg - could not pump into perfs @1000 psi. Attempted to pump down the bradenhead - found a hole below ground. PU & ran FB pkr set @2731'. Circ'd hole clean. Put 500 psi on the backside of csg. Ppd thru perfs @2500 psi - had good blow out of pit line, no fluid returns. Pld FB pkr & PU & ran cmt retainer & set @2731'. Pressure tested tbg 4000 psi. Squeezed perfs from 2844-45' w/1300 sx cmt as follows: Mixed & ppd1000 'sx Class C 8% gelled cmt @3 BPM @2500 psi - no returns, no ...@pit line. Ppd 300 sx Class C 3% CaCl2, staged displacement. Ppd 5 bbls @1/2 BPM @1600 psi. After 5 min ppd 2 bbls @1/2BPM @1600 psi. After 15 min ppd 2 bbls @ 1/2 BPM @1600 psi. After 10 min ppd 1 bbl @1/2 BPM @1600 psi. After 10 min ppd 1 1/2 bbl @1/2 BPM @1700 psi. SD. Pld out of retainer. Reversed out to clean up pipe. Waited 6 hrs for cmt to set. RU wireline service. Ran temp survey. Found top of cmt @2650'.

6-6-80: Picked up & ran perf'g gun. Shot 4 holes @1600 - 1601'. RD
RU cmt truck. Ppd into csg @4 BPM @950 psi. Ppd 40 bbls. Circ'd to surface - good returns. Ran Baker cmt retainer set @1495'. Press'd up on the backside to 500 psi. Established inj rate of 4 BPM @1000 psi. Mixed 300 sx Class C w/8% gel. Circ'd to surface. Mixed 300 sx Class C 3% CaCl2 for tail-in. Displaced gelled cmt w/Quik Set to surface. Reversed out 1 bbls cmt. SD. RD Pld tbg. Shut well in. WOC to set.

SIGNED A. J. Fore A. J. FORE TITLE SR. ENGR. TECH. DATE 6/27/80

APPROVED BY Paul L. Stow TITLE 1980 DATE 1980
CONDITIONS OF APPROVAL, IF ANY:

- 6-7-80: SD. WOC.
6-8-80: SD. WOC.
6-9-80: Ran 3 7/8" rock bit on 6 - 3 1/8" DCs on 2 3/8" tbg. RU reverse unit.
Drld 3 1/2 hrs on cmt retainer @1495'. FOH & picked up 4 more DCs. Ran new
3 7/8" rock bit, 10 - 3 1/8" DCs on 2 3/8" tbg. Drld cmt retainer @1495'
to 1505'.
6-10-80: Finished drlg cmt from 1505'-1650'. Tested squeezed perfs @1600-1601'
w/500 psi for 15 min - held OK. Ran bit to cmt retainer #2 @2731'. Drld
cmt retainer & cmt from 2731-3200'. Tested squeezed perfs @2844'-2845'
w/500 psi for 15 min - held OK. Ran bit to 5990' & washed sand off of
RBP from 5990-6005'. Circ'd hole w/2% KCl wtr.
6-12-80: RU pump truck & ppd 1000 gals 15% NEA acid @2 1/2 BPM @0 pressure.
Displaced w/20 bbls 2% KCl wtr @2 1/2 BPM & 0 pressure. Ran 2" x 1 1/2"
RWBC 16' x 4' 0 pump on 180 - 3/4", 66 - 7/8" rods. Hung well on. RDPU.

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JUL 3 1980

OIL CONSERVATION DIV