

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OCT 11 2016

RECEIVED

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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.)		WELL API NO. 30-025-02322
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator CROSS TIMBERS ENERGY, LLC		6. State Oil & Gas Lease No. 312477
3. Address of Operator 400 WEST 7th STREET, FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name NM BO STATE
4. Well Location Unit Letter G : 2310 feet from the N line and 1650 feet from the E line Section 12 Township 18S Range 34E NMPM County LEA		8. Well Number 5
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 298299
		10. Pool name or Wildcat VACUUM; ABO REEF
		3978 GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ADD PERFS TO ABO REEF POOL ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Pull well, perforate Abo Reef: 8,202-5', 8-31', 34-6', 39-51', 7-61', 3-6', 70-78', 81-91', 98-8,302', 6-8', 12-16', 18-23', 6-30', 4-42', 6-50'.
2. Isolate old perfs w/ RBP
3. Acidize new perfs w/ 4,358 gal 15% HCL NEFE
3. Swab
4. POOH RBP, RTP.

See attached schematic.

Spud Date: 03/26/1962

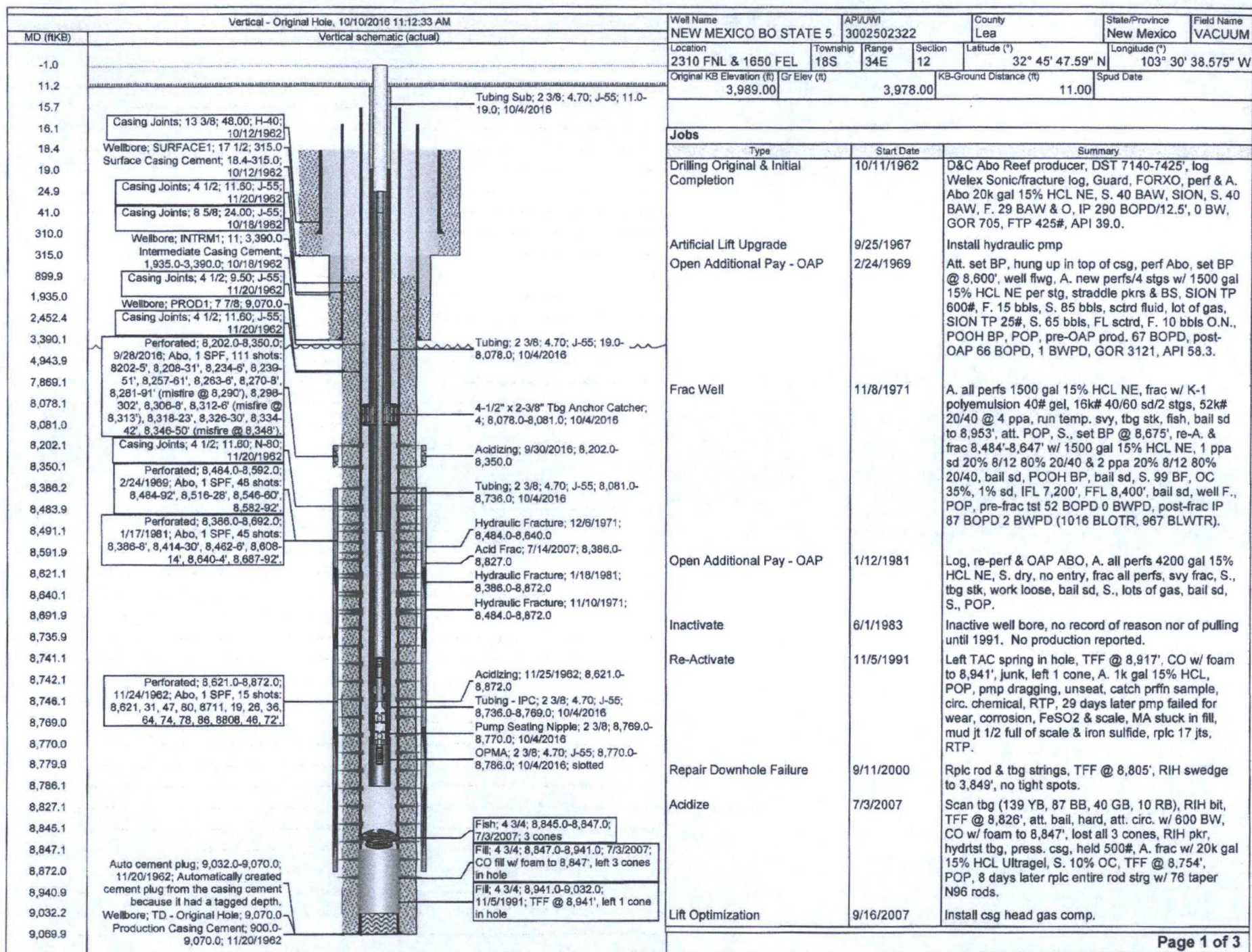
Rig Release Date: 05/21/1962

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

SIGNATURE Connie Blaylock TITLE Regulatory Compliance DATE 10/10/2016

Type or print name Connie Blaylock E-mail address: cblaylock@mspartners.c PHONE: 817-334-7882

For State Use Only
APPROVED BY: Mary Brown TITLE Dist Supervisor DATE 10/12/2016
Conditions of Approval (if any):



Jobs		
Type	Start Date	Summary
Drilling Original & Initial Completion	10/11/1962	D&C Abo Reef producer, DST 7140-7425', log Welex Sonic/fracture log, Guard, FORXO, perf & A. Abo 20k gal 15% HCL NE, S. 40 BAW, SION, S. 40 BAW, F. 29 BAW & O. IP 290 BOPD/12.5', 0 BW, GOR 705, FTP 425#, API 39.0.
Artificial Lift Upgrade	9/25/1967	Install hydraulic pmp
Open Additional Pay - OAP	2/24/1969	Att. set BP, hung up in top of csg, perf Abo, set BP @ 8,600', well flwg, A. new perfs/4 stgs w/ 1500 gal 15% HCL NE per stg, straddle pkrs & BS, SION TP 600#, F. 15 bbls, S. 85 bbls, scrd fluid, lot of gas, SION TP 25#, S. 65 bbls, FL scrd, F. 10 bbls O.N., POOH BP, POP, pre-OAP prod. 67 BOPD, post-OAP 66 BOPD, 1 BWPD, GOR 3121, API 58.3.
Frac Well	11/8/1971	A. all perfs 1500 gal 15% HCL NE, frac w/ K-1 polyemulsion 40# gel, 16k# 40/60 sd/2 stgs, 52k# 20/40 @ 4 ppa, run temp. svy, tbg stk, fish, bail sd to 8,953', att. POP, S., set BP @ 8,675', re-A. & frac 8,484'-8,647' w/ 1500 gal 15% HCL NE, 1 ppa sd 20% 8/12 80% 20/40 & 2 ppa 20% 8/12 80% 20/40, bail sd, POOH BP, bail sd, S. 99 BF, OC 35%, 1% sd, IFL 7,200', FFL 8,400', bail sd, well F., POP, pre-frac tst 52 BOPD 0 BWPD, post-frac IP 87 BOPD 2 BWPD (1016 BLOTR, 967 BLWTR).
Open Additional Pay - OAP	1/12/1981	Log, re-perf & OAP ABO, A. all perfs 4200 gal 15% HCL NE, S. dry, no entry, frac all perfs, svy frac, S., tbg stk, work loose, bail sd, S., lots of gas, bail sd, S., POP.
Inactivate	6/1/1983	Inactive well bore, no record of reason nor of pulling until 1991. No production reported.
Re-Activate	11/5/1991	Left TAC spring in hole, TFF @ 8,917'. CO w/ foam to 8,941', junk, left 1 cone, A. 1k gal 15% HCL, POP, pmp dragging, unseat, catch prfn sample, circ. chemical, RTP, 29 days later pmp failed for wear, corrosion, FeSO ₂ & scale, MA stuck in fill, mud jt 1/2 full of scale & iron sulfide, rplc 17 jts, RTP.
Repair Downhole Failure	9/11/2000	Rplc rod & tbg strings, TFF @ 8,805', RIH swedge to 3,849', no tight spots.
Acidize	7/3/2007	Scan tbg (139 YB, 87 BB, 40 GB, 10 RB), RIH bit, TFF @ 8,826', att. bail, hard, att. circ. w/ 600 BW, CO w/ foam to 8,847', lost all 3 cones, RIH pkr, hydrtst tbg, press. csg, held 500#, A. frac w/ 20k gal 15% HCL Ultralog, S. 10% OC, TFF @ 8,754', POP, 8 days later rplc entire rod strg w/ 76 taper N96 rods.
Lift Optimization	9/16/2007	Install csg head gas comp.

