

NEW MEXICO OIL CONSERVATION COMMISSION

OFFICE

5a. Indicate Type of Well	State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas No.	
7. Unit Agreement	
8. Farm or Lease	Ollie Sullivan
9. Well No.	1
10. Field and Pool	M.V. Basin Dakota-Flora Vista
12. County	San Juan

SUNDRY NOTICES AND REPORTS ON WELLS

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.

GAS WELL ☒

OTHER ☐

Beta Development Co.

125 Petroleum Plaza Farmington, New Mexico 87401

A

1190

North

840

East

22

TOWNSHIP 30N

RANGE 12W

NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
5537.5 GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PLUG AND ABANDON ☐

PLUG AND ABANDON ☐ REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CHANGE PLANS ☐ RE-TEST AND CEMENT JOB ☐

ALTERING ☐
PLUG AND ABANDONMENT ☐

OTHER ☐

Dual completion attempted ☒

NEW MEX. COM.
DIST. 3

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated completion date). SEE RULE 1103.

- 6-28-76 Move in Aztec Well service work over rig, rigged up pump and pit, pumped 65 bbl's KCL treated water down tubing to kill well, removed well head, set B. O. P. worked donut loose and pulled 154 jts. 1 1/2" non-upset J-55 tubing, shut in for night.
- 6-29-76 Finished pulling 1 1/2" non-upset tubing total of 193 jts., picked up Model "N" packer, went in hole with 2 3/8" tubing, tried to set Model "N" @ 6101' packer would not set, pull out of hole, found part of 2 stage collar in threads of packer, cleaned up packer rerun on 2 3/8" tubing, set Model "N" @ 6101' K. B. pull 3 jts. of tubing, load hole with KCL treated water, closed rams pressured up to 400 lbs. with rig pump, mud end leaking to bad for more test. Shut in for night.
- 6-30-76 Rigged B. J. pump truck, pressure casing to 2000 lbs. leaked off "O" in 2 min. pull out of hole, picked up Bakers full bore packer went in hole, discovered casing valve leaking bull plugged valve, test casing and Model "N" packer to 2000 lbs. held o.k. pulled out of hole ran Gamma ray collar locator, perforated 4 1/2" casing 3428' to 36, 3448' to 56 2 shots per ft. run Bakers full bore packer in hole on 2 3/8" tubing, set @ 3393' swab tubing dry, small blow of gas, shut down 1 hr. for test no water entry. Shut down for night.
- 7-1-76 Found 800' water in hole small blow of gas, swab dry in 1 run of swab, acidized with 1500 gals. reg. 15% acid and 20 nylon core, rubber balls, tubing loaded with 14 bbl's acid pumped, formation started taking fluid 3 bbl's per min @ 2000 lbs.

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

SIGNED Dr. E. Bayter

Superintendent

7-19-76

Original Signed by A. E. Kendrick

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

(OVER)

broke back to 1000 lbs. dropped 20 balls, pumped in remainder of acid @ 1300 lbs. with balls on perforations, pressure came up to 2000 lbs. and stayed for remainder of displacement, instant shut down pressure 1000 lbs. 10 min. shut in 350# 20 min. "0" pressure, swab fluid to pit, swabbed water and acid water first 2 hrs. swab salt water last 3 hrs. very little gas, fluid standing 1000 ft. in hole. Shut down for night.

7-2-76

5 lb. gas pressure, fluid 800 ft. from surface swabbed down in 2 hrs. to 750' fluid standing in well very little gas, released crew, shut down waiting on orders.

7-3-76

Rigged up HOWCO and Go International, ran tracer log with HOWCO pumping $\frac{1}{2}$ bbl. per min. Go released 1 cc of radio active material per test tracer, traced fluid down out of ~~bottom~~ perforation @ 3448-56 and then down outside of casing to 3510 to 3520 into massive sand section which shows to be 100% water saturated, released packer and lowered to 3443, 5' between zones, pumped down tubing, zones communicated around packer, picked packer up to 3009 ft. set and squeezed both zones with 150 sacks reg. cement with 8 bbl's of water displacement pumped, pressure was up to 1600 lbs. finished displacing tubing + 2 bbls over, pressure was up to 2400 lbs. Shut down for night.

7-4-76

Shut down for Holiday.

7-5-76

Pull out of hole with packer, W.I.H. with 3 7/8" bit on 2 3/8" tubing tag top of cement @ 3117' rig up and drill solid cement 3117' to 3355'. Shut in for night.

7-6-76

Drill solid cement 3355' to 3428' 8' drilling break over casing perforation 3428-36, drill 4' solid cement test perf. 1000 lbs. 5 min. held o.k. drill solid cement to 3448', had drilling break through bottom perforation 3448-56, fell through cement @ 3456' pressure test casing and perforation 1000 lbs. 5 min. held o.k. P.O.H. with bit W.I.H. with packer and 124' tail pipe, set packer @ 3393' with bottom of tail pipe @ 3517' 61 ft. below casing perf. swabbed tubing dry, rec. 15 bbl's water to tank Shut down for night.

7-7-76

Ran swab found 400 ft. fluid in hole no gas, spot 500 gals. reg. 7 1/2% MCA acid, tubing loaded with acid + 3 bbls KCL treated water, pressure up formation taking @ 1750 @ $\frac{1}{2}$ bbl. per min. slow rate to $\frac{1}{4}$ bbl. per min. @ 12000 lbs. pump away 6 bbl's, then pressure up to 2500 lbs. 5 bbl's min. for remainder of acid, I.S.D. 1150# 5 min. 750# 10 min. 500# 15 min. 350# in 1 hr. started swabbing rec. 14 bbl's acid and acid water tubing swab dry in 1 hr. no gas, set 1 hr. found 400' fluid in hole, pick up on packer open by pass, washed 5 bbl's around packer swab dry in 1 hr. no gas. S. D. F. N.

7-8-76

Small blow on tubing ran swab found 2200 ft. acid cut water in hole no gas, raised packer and set @ 3240', frac well down 2 3/8" tubing into perf. 3428-36, 3448-56 with 100 bbl's slick water, + 2450# 20/40 sand, average pressure 2500# average injection rate 7 1/2 bbl's per min., flush tubing with 14 bbl's water I.S.D.P. 950# 5 min. 425# 10 min. 300# 1 hr. "0" total load to rec. 126 bbl's swabbed well 5 hrs. rec. 64 bbl's water, no gas, fluid standing 500 to 700 ft. in hole, swabbing 10 bbl. per hr. last 2 hrs. Shut down for night.

7-9-76

Small blow this A.M. would not burn, 2700 ft. fluid in hole, swabbed 6 hrs. rec. 68 bbl's water no gas swabbing 6 bbl's hr. last 2 hrs. 500 to 700 ft. fluid standing in hole, total fluid swabbed 144 bbl's water brackish and slightly salty, equalize around packer, released packer, P.O.H. packer not on tubing, Picked up Bowen overshot found top of fish @ 5880' caught fish, P.O.H. lay fish down, Shut in for night.

7-10-76

W.I.H. set packer @ 3221', loaded back side and put 1000 lbs. pressure, squeeze 75 sacks reg. cement pumped 7 bbl's into formation approximately 42 sacks, squeeze pressure was up to 3000 lbs. reversed out approximately 33 sacks cement, P.O.H. lay down packer W. O. C.

7-11-76

W.I.H. 3 7/8" bit on tubing, tag cement 3225' drilled out solid cement to 3456', pressure up to 1000 lbs. held 15 min. o.k. P.O.H. lay bit down W.I.H. with 2 3/8" tubing open ended tag sand @ 5995', reversed out sand and frac balls, cleaned out to 6101' to top of Model "N" packer, lay down 2 3/8" tubing. Shut in for night.

7-12-76

W.I.H. with 1 1/2" non-upset J-55 tubing with seal assembly and 5' extension tube on bottom, ran 184 jts. and 1-10' 2-4' and 1-1' sub total 6088' set @ 6101', set 8000 lb on packer and 8000 lbs. on donut, nipped up well head and released rig @ 2:00 P.M. Will move in small swab unit.

7-13-76

Moved in small swab unit, swab well to pit swabbing 8 bbl's per hr. very little gas.

7-14-76

Swabbed well making good gas with each run of swab, kicked well off @ 10:00 A.M. making 1" stream of water.

7-15-76

Well still flowing this A.M. released rig 7-15-76.