

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007RCVD JAN 9 07
OIL CONG. DIV
DIST. 5

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

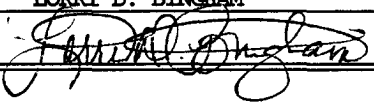
1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NMSF-078872A
2. Name of Operator XTO Energy Inc.		6. If Indian, Allottee or Tribe Name
3a. Address 2700 Farmington Ave., Bldg. K, Ste 1 Farmington,	3b. Phone No. (include area code) 505-324-1090	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650' FSL & 1650' FWL SEC 15K-T27N-R11W		8. Well Name and No. ALICE BOLACK #13
		9. API Well No. 30-045-06488
		10. Field and Pool, or Exploratory Area KUTZ W. PICTURED CLIFFS
		11. County or Parish, State SAN JUAN NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other FULL BODY
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	MAKEOVER
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please see the attached morning report for details of the full body makeover performed on this well.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) LORRI D. BINGHAM	Title REGULATORY COMPLIANCE TECH
	Date 1/3/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title JAN 08 2007
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCDS

9/21/06 Met w/Robert Hanna of NAPI to discuss PU inst within irrigation sprinklers parameters. Clear loc of weeds. Disconn & moved 8' x 5', 45 bbl, fiberglass, wtr pit tk to Bloomfield storage yard. Rmvd existing WH guard & clin loc. Susp rept pending further activity.

10/28/06 Tstd anchors 10/06. FTP 25 psig. SICP 26 psig. SIBHP 0 psig. Bd well. MIRU Triple "P" Rig #6. MI & set flwback tk. MI & set 400 bbl frac tk & filled w/FW. ND WH. NU BOP. TOH & LD w/96 jts 1" API In pipe tbg & 1" x 12' perfd jt tbg. Found tbg w/med sc on OD. PU & TIH w/4-3/4" bit, 4-3/4" csg scr, XO & 61 jts 2-7/8" tbg. EOT 2,005'. TOH w/10 jts tbg. TOH & LD w/51 jts 2-7/8" tbg, XO, 4-3/4" csg scr & 4-3/4" bit. TIH w/5-1/2" RBP & 10 jts 2-7/8" tbg. Set RBP @ 325'. TOH & LD w/10 jts 2-7/8" tbg & setting tl. PT csg to 200 psig for 5" w/8 bbls 2% KCl wtr. Tstd OK. Rlsd press. Ppd dwn BH w/6 bbls 2% KCl wtr. Press to 50 psig. Press dropd fr/50 - 0 psig in 2". SWI. SDFWE. 8 BLWTR.

10/31/06 SICP 0 psig (RBP). SIBHP 0 psig. ND BOP. RDMO Triple "P" Rig #6. Lwrdr surf csg hd 5'. Welded 3K WP csg hngr to 5-1/2" csg. NU B-1 adptr. SWI. Installed 4' x 8' x 4' steel cellar. SDFN. 8 BLWTR.

11/1/06 SICP 0 psig (RBP). SIBHP 0 psig. MIRU Triple "P" Rig #6. ND B-1 adptr. NU BOP. PU & TIH w/retr hd & 10 jts 2-7/8" tbg. Tgd @ 315' (10' of fill). Estb circ w/2% KCl wtr. CO fill fr/315' - 325' (CIBP). Circ 10". Caught & rlsd RBP @ 325'. TOH w/10 jts 2-7/8" tbg & 5-1/2" RBP. PU & TIH w/4-3/4" ml, XO, 8 - 3-1/2" DCs, XO & 56 - 2-7/8" jts tbg. Tgd @ 2,044' (4' of fill). RU pwr swivel. MIRU Precision Systems AFU. Estb circ w/AFU. CO fr/2,044' - 2,048' (PBTD). DO fr/2,048' - 2,052'. Circ 1/2 hr. RD pwr swivel. TOH w/56 jts 2-7/8" tbg, XO, 8 - 3-1/2" DCs, XO & 4-3/4" ml. TIH w/4-3/4" bit, XO, 8 - 3-1/2" DCs, XO & 56 jts 2-7/8" tbg. Tgd @ 2,052'. RU pwr swivel. Estb circ w/AFU. DO fr/2,052' - 2,130'. Circ 1 hr. Used 30 bbls 2% KCl wtr w/AFU. Recd 0 BO, 36 BLW w/AFU. RD pwr swivel. TOH w/10 jts tbg. SWI. SDFN. 2 BLWTR.

11/2/06 SITP 10 psig. SICP 35 psig. SIBHP 0 psig. TIH w/10 jts 2-7/8" tbg. Tgd @ 2,120' (10' of fill). RU pwr swivel. Estb circ w/AFU. CO fr/2,120' - 2,130'. DO fr/2,130' - 2,250' (TD). Circ 2 hrs. RD pwr swivel. TOH w/12 jts 2-7/8" tbg. SD 2 hrs. TIH w/12 jts 2-7/8" tbg. Tgd @ 2,235' (15' of fill). RU pwr swivel. Estb circ w/AFU. CO fill fr/2,235' - 2,250' (TD). Circ 1 hr. RD pwr swivel. Used 60 bbls 2% KCl wtr w/AFU. Recd 0 BO, 61 BLW w/AFU. TOH w/12 jts 2-7/8" tbg. SWI. Rptd to Henry Villanueva w/NMOCD & left msg w/BLM on cmt ln @ 9:16 a.m. 11/01/06 cmt prod csg @ 11:00 a.m. 11/02/06. 1 BLWTR.

11/3/06 SITP 10 psig. SICP 35 psig. SIBHP 0 psig. TIH w/10 jts 2-7/8" tbg. Tgd @ 2,130' (120' of fill). RU pwr swivel. Estb circ w/AFU. CO fill fr/2,130' - 2,150' (TD). Circ 2 hrs. Used 30 bbls 2% KCl wtr w/AFU. Recd 0 BO, 30 BLW w/AFU. RD pwr swivel. TOH w/12 jts 2-7/8" tbg. Estb circ dwn csg w/65 bbls gelled FW. Circ 15". TIH w/8 jts 2-7/8" tbg. Tgd @ 2,130' (120' of fill). RU pwr swivel. Estb circ w/15 bbls gelled FW. CO fill fr/2,130' - 2,134' (bridge). Circ 15". Circd w/5 gals sd & form fns to pit. TIH w/4 jts 2-7/8" tbg. Tgd @ 2,250' (TD). TOH & LD w/63 jts 2-7/8" tbg, XO, 8 - 3-1/2" DCs, XO & 4-3/4" bit. MIRU San Juan Casing. PU & TIH w/4" guide shoe (non auto-fill), 1 jt 4", 10.46#, J-55, Ultra FJ, Seah csg fr/Pan Meridian, 4" float collar (non auto-fill) & 51 jts 4", 10.46#, J-55, Ultra FJ, Seah csg fr/Pan Meridian. Ld csg w/donut as follows; FC @ 2,152'. Shoe @ 2,194'. RDMO San Juan Casing. MIRU Halliburton cmt equip. Estb circ w/65 bbls gelled FW. Circ 30". Cmtd 4" prod csg w/140 sxs 50/50.

Poz cmt w/0.6% Halad 9, 0.2% CFR-3 & 2.5#/sx Phenocle (mixed @ 13.1 ppg & 1.45 cu ft/sx yield). Ppd dwn csg w/32 bbls 13.1# cmt @ 3 BPM & 49 psig. Press to 2,000 psig. Lost circ. Fin ppg dwn csg w/4 bbls 13.1# cmt @ 3 BPM & 20 psig. Dropd wiper plg. Displ w/20 BFW @ 3 BPM & 490 psig. Fin displ w/5.25 BFW @ 1 BPM & 850 psig. Circd w/55 BLW & 2 bbls low quality cmt to pit. Bmpd plg @ 1,450 psig. Rlsd press. Float held OK. SWI. RDMO Cmt equip. 92 BLWTR.

11/4/06 SICP 0 psig. SIBHP 0 psig. RDMO AFU. MI & set 3 - 400 bbl frac tks & filled w/2% KCl wtr. ND cmt hd. NU 3K WP tbg hngr & 4" seal assy. NU WSI 5K WP frac vlv. SWI. RDMO Triple "P" Rig #6. 92 BLWTR.

11/10/06 Cont rep for AFE #651763 to Full Body Makeover for PC. Dug pit & inst wooden cellar. Set new Eagle Welding Co., 6' x 12', 120 bbl, stl, wtr pit tk w/exp metal top (SN 8353) in cellar fr/XTO stk. Dug ditch fr/WH to pit tk. SDFN. 92 BLWTR.

11/11/06 Built sep pad. Inst new Permian Fabrication, 30" x 10', 500 psig WP, 2ph, vert sep (SN 3617-4) w/150 MBTU burner fr/XTO stk. Built WH & sep mnfd. Inst & conn 2" T&C pipe sep wtr dmp ln fr/sep wtr dmp to pit tk & 2" T&C pipe sep vent ln w/bpv fr/sep to pit tk. Dug ditch fr/WH to FL riser & gas sales ln riser to mtr run inl. Inst & conn welded (approx 1050') 2" S40 FB pipe tbg pmp ln fr/WH to sep, 2 3/8" red band tubing (approx 1050') fr/WH to RTU loc & auto cbl inst inside 2 3/8" tubing fr/WH to RTU loc in ln ditch. Backfilled ditch. Dug ditch fr/sep to mtr run. Inst & conn welded 3" S40 FB pipe FL fr/FL riser to sep inl, welded 3" S40 FB pipe compr sucl ln fr/sep mnfd to compr sucl ln riser and welded 2" S40 FB pipe compr disc ln fr/sep mnfd to mtr run inl in ln ditch. Instl auto CBL cable fr/rtu loc to pit tk and set in ln ditch. Backfilled ditch. Inst & conn welded 3" S40 FB pipe FL fr/WH mnfd to FL riser & welded 2" S40 FB pipe gas sales ln fr/gas sales ln riser to mtr run inl in ln ditch. Backfilled ditch. SDFWE.

11/15/06 Cont'd rpt for AFE 651763 to FBMO. SICP 0 psig. SIBHP 0 psig. RDMO AFU. MIRU H&M Precision pmp trk. Trtd frac fld w/biocide. RDMO pmp trk. MIRU Schlumberger WLU. Ran GR/CCL/CBL log fr/2,146' (WLM) - surf. Found TOC @ 400' POH w/WL. Ran RST (Sigma mode) log fr/2,146' (WLM) - 1,886'. POH w/WL. MIRU Halliburton ac equip. PT csg to 3,000 psig for 30" w/chart. Tstd OK. Rlsd press. Perfd PC w/2" strip gun fr/2,055' - 2,040' & 2,022' - 2,007' w/1 JSPF (Schlumberger big hole EJ-21, 17 gm chrgs, 0.51" EHD, 10.5" pene., 30 holes). POH w/strip gun. RDMO WLU. BD PC perfs fr/2,007' - 2,055' w/2% KCl wtr @ 2 BPM & 2,245 psig. EIR @ 10 BPM & 2,183 psig. A. w/1,200 gals 15% HCl ac & 50 - 7/8" 1.1 SG Bio BS. Flshd w/30 bbls 2% KCl wtr @ 11.5 BPM & 960 psig. SBA w/no ball off. ISIP 196 psig. 5" SIP 73 psig. 10" SIP 66 psig. 15" SIP 59 psig. 89 BLWTR. SWI. RDMO ac equip. Built pit tk & sep berm & fence. Clnd loc. PT all prod equip & Ins fr/WH to mtr run. SDFN. 181 BLWTR.

11/16/06 SICP 0 psig. SIBHP 0 psig. MIRU Poor Boys hot oil trk. Heated frac fld to 85 deg. RDMO hot oil trk. MIRU Halliburton frac equip. Fracd PC perfs fr/2,007' - 2,055' dwn 4" csg w/22,046 gals 70Q N2 foam Delta 140 frac fld (12# Borate, XL gelled, 2% KCl wtr) carrying 106,100# sd (86,100# 16/30 Brady sd & 20,000# 16/30 Super LC RC sd per wt slips). Flshd w/1,455 gals 70Q N2 foamed frac fld. AIR 34.9 BPM. ATP 1,909 psig. Max 2,624 TP. Max sd conc 3.91 ppg. Flsh, AIR & sd conc had to recalculated after the frac due to malfunctioning flw meter on N2 line. ISIP 1,050 psig. 5" SIP

909 psig. 422 BLWTR. 528,000 scf N2 dwnhole. 100,000 scf N2 cooldwn. SWI. RDMO frac equip. RU flwback mnfld & FL. SWI 4 hrs. SICP 200 psig. OWU on 1/2" ck @ 2:00 p.m. F. 0 BO, 0 BLW, N2, frac fld, no sd, FCP 200 - 0 psig, 1/2" ck, 2 hrs. SWI. RDMO Precision Systems. 603 BLWTR.

FlowZone:PC

Event Desc:Flow backTop Interval:2,007Bottom Interval:2,055

AvgChokeBBLS

TimePressSizeRecComments

14:00 200.0 1/2" 0.00 Open csg to flwback tk.

15:00 30.0 1/2" 0.00 N2, no fld, no sd.

16:00 0.0 1/2" 0.00 N2, no fld, no sd.

Ttl Bbls:0.00

11/30/06 Chkd Anchors 11/06. SICP 30 psig. MI & set 1 - flw back tk & RU FL. Bd well. MIRU Triple "P" Rig #20. ND frac viv. NU BOP. SWI. SDFN. 603 BLWTR.

12/1/06 SICP 30 psig. BD well. PU & TIH w/NC, SN & 63 jts 2-3/8" tbg w/SH clplgs. Tgd @ 2,085' (72' of fill). MIRU Hurricane AFU. RU pwr swivel. Est circ w/AFU. CO fill fr/2,085' - 2,141' (PBSD). Circ 2 hrs. RU AFU. RD pwr swivel. TOH w/8 jts 2-3/8" tbg. SD 1 hr. TIH w/8 jts 2-3/8" tbg. Tgd @ 2,141' (PBSD). TOH w/65 jts 2-3/8" tbg w/SH clplgs Used 20 bbls 2% KCl wtr w/AFU. Recd 0 BO, 30 BLW w/AFU. SWI. SDFN. 593 BLWTR.

12/2/06 SICP 45 psig. Bd well. TIH w/2-3/8" x 30' OEMA w/1/4" weep hole & pin, SN & 65 jts 2-3/8" tbg w/SH clplgs. Tgd @ 2,141' (PBSD). TOH & LD w/4 jts 2-3/8" tbg. PU & TIH w/2-3/8" x 10' tbg sub & 1 jt 2-3/8" tbg w/SH clplg. RU swb tls. Made 2 swb runs. Rec 0 bbls fld. FTP 0 psig. FCP 2 psig. RD swb tls. RIH w/XTO's 1.910" tbg broach to SN. POH w/tbg broach. LD tbg broach. Tbg ran as follows; 2-3/8" x 30' OEMA w/1/4" weep hole & pin, SN & 61 jts 2-3/8", 4.7#, J-55, EUE 8rd, Seah tbg w/SH clplgs fr/Pan Meridian, 2-3/8" x 10' tbg sub w/SH clplg, 1 jt 2-3/8" 4.7#, J-55, EUE 8rd, Seah tbg w/SH clplg fr/Pan Meridian. Ld tbg w/donut & 2-3/8" seal assy as follows; SN @ 2,063'. EOT @ 2,093'. PC perms fr/2,007' - 2,055'. PBSD @ 2,141'. ND BOP. NU WH. PU & loaded w/2" x 1-1/2" x 10' RWAC-Z (DV) pmp (XTO #1204) & 1" x 1" stnr nip. TIH w/pmp, RHBO tl, spiral rod guide 1" x 1' LS, 81 - 3/4" Norris gr "D" rods, 4 - 3/4" rod subs (8', 6', 4' & 2') & 1-1/4" x 16' PR w/8' Inr. Seated pmp. Clamped off rods. SITP 0 psig. SICP 5 psig. Instd Enviro-Pax SB on WH. SWI. RDMO Triple "P" Rig #20. 593 BLWTR.

TubingLocation:Lower

ZONE 1Desc:PCTop Perf:2,007.00Btm Perf:2,055.00OH:No

TopBtm

QtyTypeDescriptionCondDepthDepthLength

1 manual 2-3/8" Tbg w/Slimhole Collar New 9.00 42.00 33.00'

1 manual 2-3/8" Tbg sub w/Slimhole Collar New 42.00 52.20 10.20'

61 manual 2-3/8" Tbg w/Slimhole Collars New 52.20 2,062.30 2,010.10'

1 Tubing 2-3/8" SN New 2,062.30 2,063.40 1.10'

1 Tubing 2-3/8" OEMA w/1/4" Weep Hole & Pin New 2,063.40 2,093.40 30.00'

Total2,084.40'

KB Corr9.00'

Landed @2,093.40'

12/12/06 Lvl PU pad & set new Chaco Concrete Co., 7' x 20' x 12" cmt pad. Set new Lufkin

CH50-89-42S, PU w/18" gearbox sheave (SN B146953A-114943) w/new Kohler 18 hp, auto st gas eng (SN 3625004951) w/B&B control box & 3.4" eng sheave, Jackshaft Speed Reducer w/12.4" & 4.0" reducer sheaves. Inst 2 B-64 belts fr/3.4" eng sheave to 12.4" sheave & 2 B-170 belts fr/4.0" sheave to PU gearbox sheave fr/XTO stk. Inst & conn 2" T&C pipe tbg pmp In w/bpv fr/WH mnfd to tbg pmp In riser & 1" T&C pipe FG In fr/WH mnfd to PU vol pot. SDFN

12/13/06 Inst & conn welded WH cellar top panels. Inst PU belt, eng & weight guards & panels. Clnd loc. Tk btry const compl.

12/15/06 Recon all auto end devices, as needed after compl of FBMO of both well cntl sys. Add EFM/RTU to CDP delv pt.

12/20/06 SITP 0 psig, SICP 32 psig. Std PU @ 1:00 p.m. 12/19/2006. Ppg @ 6 x 40" SPM.

12/21/06P. 0 BO, 12 BW, 0 MCF, FTP 20 psig, SICP 32 psig, LP 0 psig, 0 hrs. 21 hrs, O&W Prod.
PTP 20 psig, SICP 32 psig. OWU & RWTP @ 10:30 a.m., 12/20/06. Init rate 81 MCFPD.

12/22/06P. 0 BO, 25 BW, 46 MCF, FTP 30 psig, FCP 20 psig, LP 6 psig, 14 hrs. 24 hrs, O&W Prod.

12/23/06P. 0 BO, 25 BW, 107 MCF, FTP 22 psig, FCP 13 psig, LP 7 psig, 24 hrs.

12/24/06P. 0 BO, 10 BW, 86 MCF, FTP 16 psig, FCP 24 psig, LP 2 psig, 24 hrs.

12/25/06P. 0 BO, 10 BW, 61 MCF, FTP 4 psig, FCP 16 psig, LP 16 psig, 24 hrs.

12/26/06P. 0 BO, 3 BW, 0 MCF, FTP 2 psig, FCP 17 psig, LP 16 psig, 24 hrs.

12/27/06P. 0 BO, 7 BW, 112 MCF, FTP 22 psig, FCP 15 psig, LP 10 psig, 24 hrs. FR for FBMO.

Alice Bolack #13 Wellbore Diagram

KB: 6.314
GL: 6.305
CORR: 9

DATA

LOCATION: 1650' FNL & 1,650' FWL, UNIT K, SEC 15, T-27-N, R-11-W
COUNTY/STATE: SAN JUAN COUNTY, NEW MEXICO
FIELD: WEST KUTZ
FORMATION: PICTURED CLIFFS
FED LEASE #: NMSF 078872A API #: 30-045-06488 XTO WELL #: 78027
SPUD DATE: 12/28/51 COMPLETION DATE: 1/12/52
IP: F. 50 MCFPD, SICP 450 PSIG.
PRODUCTION METHOD: PPG
TUBING STRING: 2-3/8" X 30' OEMA W/1/4" WEEP HOLE & PIN, SN & 61 JTS 2-3/8" 4.7# J-55, EUE 8RD TBG, 2-3/8" X 10' TBG SUB, 1 JT 2-3/8" 4.7#, J-55, EUE 8RD TBG, LD TBG @ 2,093', SN @ 2,063'.
PERFS: 2,007'-2,022' & 2,040'-2,055' W/1 JSPP

HISTORY

12/28/51: SPURRED 12-1/4" HOLE. SET 8-5/8" 24.7# GRADE B LINE PIPE @ 115'. CMTD W/90 SX REG CMT. CIRC CMT TO SURF.
12/31/51: DRLD TO 2,008'. SET 62 JTS 5-1/2", 14-H, 8-R CSG @ 2,008'. CMTD W/150 SX REG CMT. DID NOT CIRC CMT.
01/09/52: DRILL TO 2020'. BAIL DRY FOR WATER TST. HOLE CAVED TO 2008'.
01/11/52: OPNCLS WELL 1 HR INCRMTS. WELL DRY. TD TO 2048'.
01/12/52: OPEN SHOT 40 QTS NITRO FROM 2027'-2037'.
04/30/52: RAN 97 JTS, 1" API BLK LN PIPE SET @ 2039' & 2 SN TO 2032'.
06/19/52: RAN CLN TRP TO 2020'. POOH. TH W/96 JTS, 1" API BLK LN PIPE & 12' BTM PERF JT. SET @ 2006'.
01/22/60: EL PASO NATURAL GAS CO. ASSUMES OPS.
09/14/78: HUSKY OIL CO. ASSUMES OPS.
07/12/84: MARATHON OIL CO. ASSUMES OPS.
09/21/95: SI COMP. RAN 4" DSCG LN TO ALICE BOLACK #15-1 BFL COMP MNFLD.
09/25/95: HK WH TO FLWLN, SI WELL, RDMO CREW.
09/26/95: TURN WELL DWN LN TO COMP.
07/01/02: XTO ENERGY ASSUMES OPS.
10/25/02: SWI. DISCONN & MOVED UNIVERSAL RENTAL CDP SCREW COMP TO SIDE. INSTALLED XTO 3304 SCREW COMPRESSOR ON THE ALICE BOLACK # 13 & BOLACK # 15-1 CDP.
10/28/06: MIRU PU. TOH W/BHA. CO TO PRTD. LWRD WH 5'.
11/01/06: TH W/4-3/4" BIT, XO, 8 - 3-1/2" DCS, XO, & 56 JTS 2-7/8" TBG. DO FR2,052'-2,250' (TD).
11/03/06: MIRU CSG CREW. RIH W/4" GUIDE SHOE, 1 JT 4", 10.46#, J-55, ULTRA FJ CSG, 4" FLOAT COLLAR, & 51 JTS 4", 10.46#, J-55, ULTRA FL CSG, LD CSG, FC @ 2,152', CSG SHOE @ 2,194'. RDMO CSG CREW. MIRU CMT CREW. CMTD W/140 SX 50/50 POZ CMT W/0.6% HALAD 9, 0.2% CFR-3, & 2.5# SK PHONCELE (MIXED @ 13.1 PPG & 1.45 CUFT/SK YIELD). CIRC 2 BBLS CMT TO SURF. RDMO CMT CREW. RDMO PU.
11/15/06: MIRU WL. RAN GR/CCL/CBL LOG FR2, 146'-1,886'. PERF'D PC W/2" STRIP GUN FR2,007'-2,022' & 2,040'-2,055' W/1 JSPP (SCHLUMBERGER BIG HOLE EJ-21, 17 GM CHRGS, 0.51" EHD, 10.5" PENE, 30 HOLES). RDMO WL. MIRU ACID CREW. A. W/1,200 GALS 15% HCL-AC & 50 = 7/8" BIO-BE-FLSH-W/30 BBL-2\$ KCL @ 11.5 BPPM & 960 PSIG. ISIP @ 196 PSIG, 5" SIP @ 73 PSIG, 10" SIP @ 66 PSIG, & 15" SIP @ 59 PSIG. RDMO ACID CREW.
11/16/06: MIRU HALLIBURTON FRAC EQUIP. FRACD PC PERFS FR2,007' - 2,055' DWN 4" CSG W/22,046 GALS 70Q N2 FOAM DELTA 140 FRAC FLD (12# BORATE, XL GELLED, 2% KCL WTR) CARRYING 106,100# SD (96,100# 16/30 BRADY SD &

12-1/4" HOLE

6-3/4" HOLE

4-3/4" HOLE

8-5/8" 24.7# GRADE B LINE PIPE @ 115'.
CMTD W/90 SX REG CMT. CIRC CMT

5-1/2", 14-H, 8-R CSG @ 2,008'. CMTD W/150
SX REG CMT. DID NOT CIRC

PC PERFS FR2,007'-2,022'
& 2,040'-2,055' W/1 JSPP

4", 10.46#, J-55, ULTRA FL CSG
@ 2,194'. CMTD W/140 SX 50/50
POZ CMT. CIRC 2 BBL TO SURF

PBTD: 2,141'
TD: 2,250'
https://webmail.state.nm.us/exchange/KSharp/Inbox/Re: Alice Bolack %2313 45-06488 EML/1_multipart_xf8FF_2_Alice Bolack %2313 doc?attach=1
01/10/07

RBH

When the well is abandoned, the location and access road will be cleaned and restored to the original topographical contours as much as possible. The area will be reseeded with the appropriate seed mixture.

If the well is productive, areas not used in production will be contoured and seeded with stipulated seed mixture. Production equipment will be painted the color designated by the surface managing agency. A below-grade tank will be used for production. See attached NMOCD form C-103.

11. Surface Ownership:

The surface ownership of the proposed well pad and well-tie pipeline is the Bureau of Land Management, Farmington Field Office.

12. Other Information:

Refer to the archaeology and Environmental Assessment reports for a description of the soil characteristics and local flora and fauna.

There are no residents within a one-mile radius of the proposed action.

The proposed well pad should not impact any floodplains, riparian, springs, or stock ponds. There were no ephemeral washes that would be impacted.

The top 6" of soil material will be stripped and stockpiled on either side of the reserve pit and used for future reclamation.

13. Lessee's or Operator's Representative:

Larry Higgins
Drilling COM
Ignacio, Colorado 81137
Phone: (970) 563-3308

ALICE BOLACK #13

Wellbore Diagram

20,000# 16/30 SUPER LC RC SD PER WT SLIPS). FLSHD W/1,455 GAL5 70Q N2
FOAMED FRAC FLD. AIR 34.9 BPM. ATP 1,909 PSIG. MAX 2,624 TP. MAX SD
CONC 3.91 PPG. ISIP 1,050 PSIG. 5" SIP 909 PSIG. RDMO FRAC EQUIP.

12/02/06: MIRU PU. CO TO 2,141' (PBTD). TIH W/2-3/8" X 30' OEMA W/1/4" WEEP HOLE &
PIN. SN & 61 JTS 2-3/8" 4.7#. J-55, EUE 8RD TBG, 2-3/8" X 10' TBG SUB, 1 JT 2-
3/8" 4.7#. J-55, EUE 8RD TBG, LD TBG @ 2,093'. SN @ 2,063'. TIH W/2" X 1-1/2"
X 10' RWAC-Z (DV) PMP & 1" X 1' STNR NIP, RHBO TL, SPIRAL ROD GUIDET" X
1" LS, 81 - 3/4" NORRIS GR "D" RODS, 4 - 3/4" ROD SUBS (8', 6', 4' & 2') & 1-1/4"
X 16' PR W/8' LNR, RDMO PU

12/12/06: SET NEW LUFKIN CH50-89-42S PU W/18" GEARBOX SHEAVE W/NEW
KOHLE 18 HP ENG.

12/19/06: STD PU @ 13:00. PPG @ 6 X 40" SPM.

https://webmail.state.nm.us/exchange/KSharp/Inbox/Re: Alice Bolack %2313 45-06488 EML/1_multipart_xf8Ff_2_Alice Bolack %2313.doc/C58EA28C-18C0-4a97-9AF2-036E93DDAFB3/Alice Bolack %2313.doc?attach=1
01/10/07

RBH

Water for drilling and completion operations will be hauled by truck from various water sources within the area, mainly from Navajo Lake, NM and produced water from locations close to the proposed location. Reference BLM letter 3162.3-2.

6. Source of Construction Materials:

No additional construction materials will be required to build the proposed location.

7. Methods for Handling Waste Disposal:

a. The drill cuttings, fluids and completion fluids will be placed in the reserve pit. Three sides of the reserve pit will be fenced prior to drilling. The reserve pit will be allowed to dry, and materials remaining in the reserve pit buried. The reserve pit will be backfilled, leveled and contoured so as to prevent any materials being carried into the watershed. Upon completion, the pad will be leveled, contoured and reseeded with the appropriate seed mixture.

b. All garbage and trash will be placed in a metal trash basket. It will be hauled off and dumped in an approved land fill upon completion of operations.

c. Portable toilets will be provided and maintained during drilling operations. See Plat #3 for location.

8. Ancillary Facilities:

Ancillary facilities are to be based on well productivity. A pipeline plat is included as Plat #2.

9. Well Site Layout:

A cross section of the drill pad with approximate cuts, fills, and pad orientation is attached as Plat #1. Location of drilling equipment and rig orientation is also attached as Plat #3.

10. Plans for Restoration of Surface: