

**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
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[http://emnrd.state.nm.us/ocd/District III/3district.htm](http://emnrd.state.nm.us/ocd/District%20III/3district.htm)

BRADENHEAD TEST REPORT
(Submit 2 copies to above address)

Date of Test 11-11-03 Operator XTO Energy Inc. API # 30-0 4530037
Property Name Galt M N B Well No. 2R Location: Unit D Section 06 Township 27N Range 10W
Pressure (Shut-In or Producing) Tubing I Intermediate None Casing 1 Bradenhead 32

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Time	PRESSURES:			BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING			
5 minutes			Steady Flow	✓	
10 minutes			Surges		
15 minutes			Down to Nothing		
20 minutes			Nothing		
25 minutes			Gas		
30 minutes			Gas & Water	✓	
			Water		

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR ☒ FRESH ☐ SALTY ☐ SULFUR ☐ BLACK ☐

5 MINUTE SHUT-IN BRADENHEAD 32 INTERMEDIATE None

REMARKS:

Bradenhead flowing clear water immediately

By Freddie Whitfield
Lease operator
(Position)

Witness _____

4-5-04
RQ Anal & test

PI/Dwights PLUS on CD Map Report

EH PIPKIN 	MARTIN GAS COMB 	
EH PIPKIN  EH PIPKIN EH PIPKIN  EH PIPKIN  EH PIPKIN 	MNGALT J 2  MNGALT B 2R  6 MNGALT B 1R  MNGALT B 1Y  KUTZ J FEDERAL 2  * MNGALT B 3 KUTZ J FEDERAL 2E 	CA MCADAM  CA MCADAMS  CA MCADAM 
	PO PIPKIN 	

Farmington Monthly Report

GALT MN B		Well # 003	FC
Objective:	Drill & Complete		
Rig:	Stewart Brothers Drilling Rig #51		
AFE:	201477		
1st Rept:	02/10/2003		
9/27/03	Drlg @ 125' (125/24 hrs). Spud mud, added 15 sx gel & 2 sx SA. Bit #1, 8-3/4" re-run, SN NR, bit nozzels 18/18/18, in @ surf (125/7 hrs), WOB all, RPM 75, SPM 60 ea (2 pmps), GPM 200, PP 100 psig, liner size 5" x 10" SL. RU RT 13 hrs, drlg 5 hrs, rig repr 4-1/2 hrs, mix mud 1-1/2 hrs. MIRU Stewart Brothers Drilling rig #51. Spudded 8-3/4" hole @ 8:30 p.m. MST (9/27/03). Drlg @ 125'.		
	DWC: \$6,400	CWC: \$12,700	DMC: \$0
			CMC: \$0
	===== GALT MN B #003 =====		
Rig:	Stewart Brothers Drilling Rig #51		
9/28/03	Drlg @ 305' (180/24 hrs). Surv: 1 deg @ 227'. Gel mud, added 15 sx gel, 1 sx SA, 5 gals poly & 10 sx bicarb. Bit #1, 8-3/4" re-run, SN NR, bit nozzels 18/18/18, in @ surf, out @ 233' (233/9-1/2 hrs), WOB all, RPM 75, SPM 60 ea (2 pmps), GPM 200, PP 100 psig, liner size 5" x 10" SL. Bit #2, 6-1/4" HTC, SN NR, in @ 233' (72/2 hrs), WOB 15K, RPM 72, SPM 60 ea (2 pmps), GPM 200, PP 200 psig, liner size 5" x 10" SL. Drlg 4-1/2 hrs, surv 1/4 hr, trip 1-1/4 hrs, C&C 1 hr, m csg & cmt 3-3/4 hrs, WOC 5-3/4 hrs, NU & PT BOP's 3-1/2 hrs, DO cmt 4 hrs. Drl'd to 233'. C&C. Short tripped. TOH. PU & TIH w/7" surf csg to 229.23'. MIRU BJ Services. Broke circ. Cmt'd csg w/66 sx type III cmt w/2% CaCl2 & 1/4#/sx celloflake (mixed @ 14.6 ppg, 1.39 cuft/sx). Suspected well bridged off & unable to displace cmt. Circ 2 bbls cmt to surf. Washed out cmt to 60' w/kelly & DP. RDMO BJ Services. WOC. NU & PT BOP's & surf csg tp 750 psig for 30". Held OK. PU & TIH w/6-1/4" bit & DC's. DO cmt fr/60' to 229'. Drlg ahead.		
	DWC: \$13,614	CWC: \$26,314	DMC: \$0
			CMC: \$0
	===== GALT MN B #003 =====		
Rig:	Stewart Brothers Drilling Rig #51		
9/29/03	Mixing Bar @ 610' (305/24 hrs). Gel mud. Bit #2, 6-1/4" HTC, SN NR, in @ 233' (377/11-3/4 hrs), WOB 15K, RPM 72, SPM 60 ea (2 pmps), GPM 200, PP 300 psig, liner size 5" x 10" SL. Drlg 9-3/4 hrs, trip 2-1/2 hrs, rig repr 2 hrs, C&C/mix mud 9-3/4 hr. Drl'd to 610'. Hit 2 bbl/min wtr flow. Mixing weighted mud to control wtr flow.		
	DWC: \$6,420	CWC: \$32,734	DMC: \$0
			CMC: \$0
	===== GALT MN B #003 =====		
Rig:	Stewart Brothers Drilling Rig #51		
9/30/03	Drlg @ 965' (295/24 hrs). Surv: 1 deg @ 832'. MW 10.5, vis 60, WL 10, added 75 sx gel, 487 sx bar, 1 sx SA, 3 sx poly, 10 gals Petrolube & 10 gals Surfdril. Bit #2, 6-1/4" HTC, D-11, SN H932E, in @ 233' (652/24 hrs), WOB 15K, RPM 72, SPM 60 ea (2 pmps), GPM 200, PP 300 psig, liner size 5" x 10" SL. Drlg 12-1/4 hrs, surv 1/4 hr, trip 1/4 hr, C&C/mix mud 11-1/4 hrs. Mixed weighted mud (10.5 ppg). Killed wtr flow. Resumed drlg ahead.		
	DWC: \$14,637	CWC: \$47,371	DMC: \$6,140
			CMC: \$6,140
	===== GALT MN B #003 =====		
Rig:	Stewart Brothers Drilling Rig #51		
10/1/03	Drlg @ 1,310' (345/24 hrs). Surv: 1/2 deg @ 1,050'. MW 10.5, vis 58, WL 9.2, added 10 sx gel, 20 sx bar, 3 sx SA, 2 sx poly, 5 gals Petrolube, 5 gals ringsout & 5 gals Surfdril. Bit #2, 6-1/4" HTC, D-11, SN H932E, in @ 233', out @ 1,055' (822/30 hrs), WOB 15K, RPM 72, SPM 60 ea (2 pmps), GPM 200, PP 300 psig, liner size 5" x 10" SL. Bit #3, 6-1/4" HTC, STX-20, SN B310S, in @ 1,055' (255/14-1/2 hrs), WOB 15K, RPM 72, SPM 60 ea (2 pmps), GPM 200, PP 500 psig, liner size 5" x 10" SL. Drlg 20-1/2 hrs, surv 1/4 hr, trip 2-3/4 hrs, C&C 1/4 hr, tst BOP's 1/4 hr. TFB #3. Drlg ahead.		
	DWC: \$6,285	CWC: \$53,656	DMC: \$300
			CMC: \$6,440
	===== GALT MN B #003 =====		
Rig:	Stewart Brothers Drilling Rig #51		
10/2/03	TOH @ 1,550' (240/24 hrs). Surv: 1/4 deg @ 1,550'. MW 8.9, vis 80, WL 6.8, added 1 sx poly, 5 gals Petrolube, 10 gals ringsout & 5 gals Surfdril. Bit #3, 6-1/4" HTC, STX-20, SN B310S, in @ 1,055' (495/33 hrs), WOB 15K, RPM 72, SPM 60 ea (2 pmps), GPM 200, PP 550 psig, liner size 5" x 10" SL. Drlg 18-1/2 hrs, surv 1/4 hr, trip 1-1/2 hrs, C&C 3-1/2 hrs, tst BOP's 1/4 hr. Drl'd to 1,550'. TOH.		
	DWC: \$4,620	CWC: \$58,276	DMC: \$0
			CMC: \$6,440
	===== GALT MN B #003 =====		
Rig:	Stewart Brothers Drilling Rig #51		
10/3/03	Mix mud @ 1,779' (229/24 hrs). MW 9.9, vis 58, WL 5.8, added 2 sx gel, 41 sx bar, 25 gals Petrolube, 5 gals ringsout & 25 gals Surfdril. Bit #3, 6-1/4" HTC, STX-20, SN B310S, in @ 1,055' (724/51-1/2 hrs), WOB 15K, RPM 72, SPM 60 ea (2		

pmpps), GPM 200, PP 550 psig, liner size 5" x 10" SL. Drlg 18-1/2 hrs, trip 2 hrs, C&C 3-1/2 hrs. TOH for bit balling. TIH. Resumed drlg ahead. Builing mud volume.

DWC: \$4,948

CWC: \$63,224

DMC: \$475

CMC: \$6,915

===== GALT MN B #003 =====

Rig: Stewart Brothers Drilling Rig #51

10/4/03 Drlg @ 1,903' (133'/24 hrs). MW 10.1, vis 120, WL 10, added 59 sx gel, 46 sx bar, 2 sx SA & 20 sx LCM. Bit #3, 6-1/4" HTC, STX-20, SN B310S, in @ 1,055', out @ 1,893' (838'/62-1/2 hrs), WOB 15K, RPM 72, SPM 60 ea (2 pmpps), PP 550 psig, liner size 5" x 10" SL. Bit #4 rerun bit, no rpt. Drlg 12-1/2 hrs, trip 5 hrs, C&C 6-1/4 hrs, tst BOP's 1/4 hr. Drl'd to 1,893' w/bit #3. Bit quit drlg. TOH. PU & TIH w/(rerun) bit #4. Drlg ahead.

DWC: \$6,552

CWC: \$69,776

DMC: \$1,472

CMC: \$8,387

===== GALT MN B #003 =====

Rig: Stewart Brothers Drilling Rig #51

10/5/03 Released rig @ 1,948' (driller's TD)(39'/24 hrs). Surv: 1/4 deg @ 1,942'. MW 10.1, vis 80, WL 10, added 113 sx bar, 13 sx gel & 6 gals defoamer. Drlg 6-1/4 hrs, survey 1/4 hr, trip 3-1/4 hrs, log 1-1/2 hrs, run csg 6-1/4 hrs, ND & set slips 1 hr, C&C 1 hr, cmt csg 2 hrs, RD RT 2-1/2 hrs. Reached drillers TD of 1,948' KB @ 12:15 p.m. (10/4/03). C&C hole for logs. TOH & LD DP & DC's. MIRU Schlumberger WL. Ran AITH/MCFL/TLD/CNL/Cal/GR/SP/Pe log fr/1,942' (LTD) to 223'. RDMO Schlumberger WL. PU & TIH w/47 jts 4-1/2", 10.5#, J-55, ST&C csg to 1,939.15' KB. MIRU BJ Services. Cmt'd csg w/280 sx (lead) Type III cmt w/8% gel, 1/4#/sk celloflake & 2% Phenoseal (11.9 ppg, 2.60 cuft/sk) followed by 75 sx (tail) Type III cmt w/1% CC, 1/4#/sk celloflake & 2% Phenoseal (14.5 ppg, 1.40 cuft/sk). Disp w/30.5 BFW. Bumped plug @ 1:42 a.m. w/1,430 psig (980 psig over late pmp press). Circ 30 bbls cmt to surf. Float held OK. ND & set slips. Cut off csg. Released Stewart Brothers drilling Rig #51 @ 6:00 a.m. (10/5/03).

DWC: \$38,332

CWC: \$108,108

DMC: \$2,170

CMC: \$10,557

===== GALT MN B #003 =====

10/21/03 Welded bell nip on 4-1/2" csg. NU Knight 5,000 psig WP frac vlv. MI 10 - 400 bbl tks. Filled tks w/FW. MIRU Halliburton pmp trk. PT csg to 2,500 psig for 30". Incr press to 3,800 psig for 7". Held OK. Rlsd press. RDMO Halliburton pmp trk. MIRU Computalog WL trk. Run GR/CCL log fr/1,894' (PBSD) to surf. Perfd L/Fruitland Coal fr/1,654'-1,666' w/3-1/8" csg gun (Owen big hole HSC-3125-369 chrg, 0.45" dia, 36 holes). POH w/csg gun. RD WL trk. Inst riser fr/BH. Found wtr flwg fr/BH. SDFN.

DWC: \$7,550

CWC: \$115,658

DMC: \$0

CMC: \$10,557

===== GALT MN B #003 =====

Farmington Monthly Report

GALT MN B	Well # 001Y	DAKOTA
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Objective: Drill & Complete

Rig:

Forcst Gas: 375

Prev Gas: 0

AFE: 2000768

1st Rept: 06/15/2000

12/20/00 Drlg @ 950' (552/24 hrs), Survey: 3/4 deg @ 838', spud mud added 60 sx gel & 2 sx lime. Bit #2, 7-7/8" Reed, HP-44, SN #038370, bit nozzels 13/13/B, in @ 398' (552/5 hrs), WOB 30K, RPM 100, PP 1,100#, SPM 100, GPM 309, liner size 6-1/2" x 8". drlg 5 hrs, survey 1/4 hr, trip 1/2 hr, rn csg & cmt 4-1/2 hrs, WOC 4 hrs, NU & PT BOP's 8-3/4 hrs. RU & rn 9 jts 8-5/8", 24.0#, J-55 csg as follows: Tex Pattern Guide Shoe (0.75'), 9 jts 8-5/8" csg (378.93'). Installed 3 centralizers as per procedure. Landed csg @ 392' KB. RU Halliburton Energy Services. Cmt'd csg w/275 sx cl "B" cmt w/2% CaCl2 & 1/4#/sx celloflake (15.6 ppg 1.18 cuft/sx). Did not circ cmt to surf. TIH w/1" & tgd cmt @ 20' FS. Topped out w/60 sx cmt. Circ 20 sx cmt to surf. WOC. NU BOP's & manifold. PT stack & equipment to 250/1,500 psig. Held OK. Resumed drlg ahead @ 12:45 a.m. DMC: \$500 CMC: \$1,000

DWC: \$31,888

CWC: \$57,434

DMC: \$0

CMC: \$0

===== GALT MN B #001Y =====