

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-015-34281
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 34071
7. Lease Name or Unit Agreement Name Angell Ranch 36 State
8. Well Number 2
9. OGRID Number 06742
10. Pool name or Wildcat Fadeaway Ridge; Delaware

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other TA - never produced

2. Name of Operator
Echo Production, Inc.

3. Address of Operator
PO Box 1210, Graham, TX 76450

4. Well Location
Unit Letter I : 1980 feet from the south line and 495 feet from the west line
Section 36 Township 19S Range 27E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3395 GL

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PLUG AND ABANDON <input checked="" type="checkbox"/>	P AND A <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
MULTIPLE COMPL. <input type="checkbox"/>	OTHER: <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8 5/8" 24# csg @ 408' w/290 sx (circ to surface)
5 1/2" 15/5# csg @ 2712' w/735 sx (circ to surface)
Perf 1895'-1903' sq w/150 sx
Perf 1897-1902' shut off w/CIBP @ 1880' w/ 2 sx cmt
Perf 1784'-1834' open

Proposed plugging:

* Spot 25 sx cmt from 1850'-1600' - TAC
Spot 25 sx cmt from 500'-250' - TAC
Spot 5 sx cmt from 50' to surface

60'

* 100' cmt P1/2 @ 670'-570' WOC TAC

Notify OCD 24 hrs. prior
to any work done.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tom Golden TITLE Operations Manager DATE 9/21/06

Type or print name Tom Golden

E-mail address: rondaw@echoproductio.com Telephone No. 940-549-3292

For State Use Only

APPROVED BY: [Signature] TITLE Field Eng DATE 10/16/06

API # 30-015-34281
Lease # 34071

WELL COMPLETION SKETCHES

WELL Angell Ranch '36' State #2 FIELD Fadeaway Ridge, Del. DATE 10/3/06

☒ PRESENT COMPLETION

☐ SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

Sec 36-T19S-R 27E

Eddy County, NM

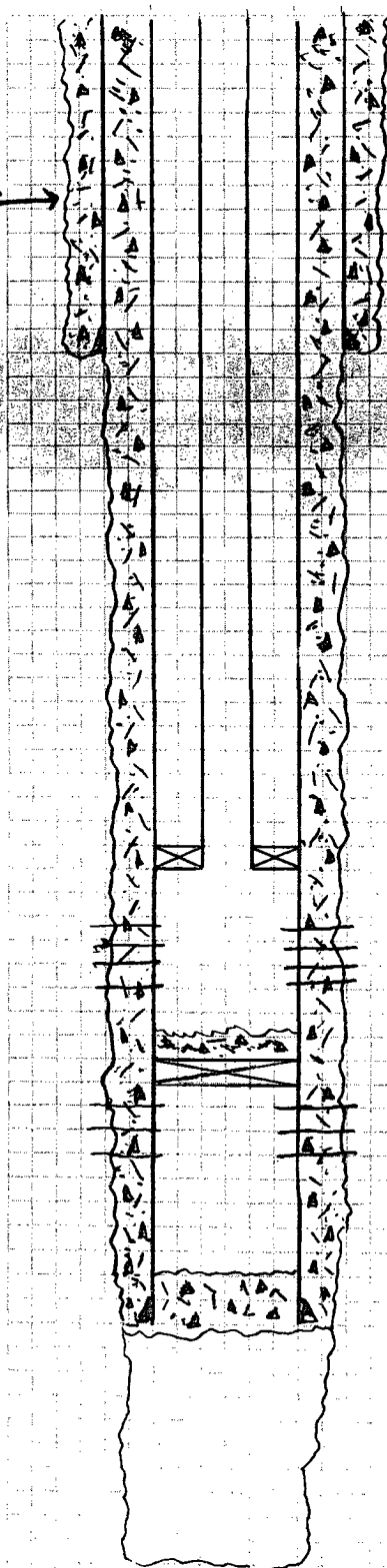
12 1/4" hole →

8 5/8" 29# csg. @ 108'

cmt'd w/ 290 SK (circ. to surface)

5 1/2" 15.5# csg. @ 2712'

cmt'd w/ 735 SK (circ. to surface)



TD 3700'

DATA ON THIS COMPLETION

2 1/8" tbg. & pkr. @ 1738'

Perfs 1784'-1834'

CIRP @ 1880' w/ 2 SK cmt

Perfs 1897'-1902'

(Previously had perfs
1895'-1903' SQ w/ 150 SK)

API # 30-015-34281
Lease # 34071

WELL COMPLETION SKETCHES

WELL Angell Ranch '36' State #2 FIELD Fadeaway Ridge, Del. DATE 10/3/06

☐ PRESENT COMPLETION ☒ SUGGESTED COMPLETION

PERMANENT WELL BORE DATA

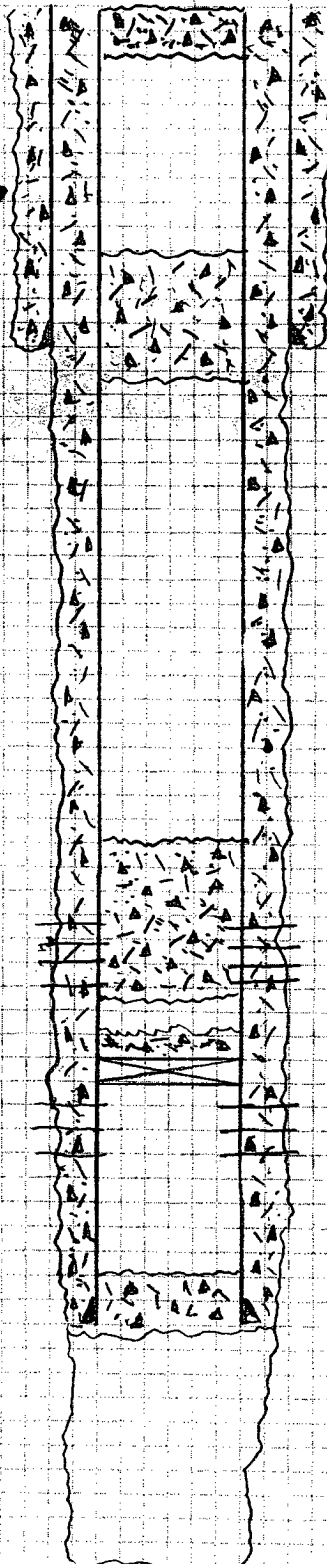
Sec 36-T19S-R 27E

Eddy County, NM

12 1/4" hole →

8 5/8" 29# csg. @ 408'
cmt'd w/ 290 sk (circ. to surface)

5 1/2" 15.5# csg. @ 2712'
cmt'd w/ 735 sk (circ. to surface)



DATA ON THIS COMPLETION

5 sk 50' to surface

25 sk 500' - 250'

25 sk. 1850' - 1600'

Perfs 1784' - 1834'

CIRP @ 1880' w/ 2 sk. cmt

Perfs 1897' - 1902'

(Previously had perfs
1895' - 1903' 3 sk w/ 150 sk)

TD 3700'

Echo Production * Angell Ranch "36" State # 2 * Sec-36, T-19-S, R-27-E, Eddy, NM

INTERVAL: 400 - 3,750		7.875" hole	5 days	5" csg	1 drill bits		
Product	Function		Treatment	Unit Size	Usage	Unit Price	Total Price
Bentonite	Viscosifier		12-14 ppb in sweeps	100 #	30	\$7.28	\$218.40
Cedar Fiber/Fiber Plug	LCM, sealant		10-20 ppb in sweeps	40 #	20	\$5.17	\$103.40
Ground Paper	seepage and sweeps		1-3 sacks per 200 feet	40 #	40	\$8.00	\$320.00
Lime	pH additive		.5-.75 ppb	50 #	40	\$4.99	\$199.60
Max-Seal/Fiber Seal/Chem Seal	LCM, sealant		10-20 ppb in sweeps	40 #	20	\$8.98	\$179.60
MF-55/VisPlus(non-ionic)	Flocculant		1 qt in 50 gal water every 4 hr.	5 gal.	3	\$94.25	\$282.75
Yellow Starch			3-4 ppb if needed	50 #	60	\$13.06	\$783.60
Interval Total:						\$2,087.36	

Projected Mud Properties

Depth	Mud Wt. - ppg	Viscosity	Filtrate	pH	Chlorides - ppm
400' - 2,600'	9.2-10.0	28	N/C	10.0	186k
2,600' - 3,750'	8.8-9.3	28-32	20-15	9.2-9.8	160k

9.2

General Geological Data

Top/Bases	Formation	Lithology	Notes/Challenges
615' - 955'	Yates	Sand w/red shale & anhydrite stringers	
955' - 1,500'	Seven Rivers	Dolomite, w/red shale & anhydrite stringers	Seepage
1,500' - 1,690'	Queen	Sand	
1,690' - 1,870'	Grayburg	Sand w/red shale & anhydrite stringers	
1,870' - 2,720'	San Andres	Limestone	
2,720' - 3,310'	Delaware	Sand	Poss gas kick
3,310' - 3,600'	Victorio Peak Dolomite		
3,600' - 3,750'	Bone Spring		

Interval Notes for 400 - 3,750

Drill out with Brine Water circulating reserve pit for solids control. Use small amounts of MF-55 to aid in solids removal. Use Lime additions to maintain pH. Periodically sweep the hole with Paper to control seepage and enhance hole cleaning. Should total loss of returns occur consider dry drilling to total depth sweeping the hole periodically with viscous (50-60) Bentonite pills mixed in Fresh Water with 10-20 ppb of fibrous LCM.

200' from TD add 50 sacks of Starch to sweep/prepare the hole to run pipe.

10/16/2006

Wellbore Diagram

r263

30-015-34281-00-00

ANGELL RANCH 36 STATE No. 002

Company Name: ECHO PRODUCTION INC

Location: Sec 36 T: 19S R: 27E Spot:

Lat: 32.6152308695886 Long: -104.226043799013

Property Name: ANGELL RANCH 36 STATE

County Name: Eddy

String Information

Cement Information

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Sqz
0	0			

Formation Information

St Code	Formation	Depth
Pyts	Yates	620
Psrbs	Bowers Sand	1400
Pqu	Queen	1535
Pgb	Grayburg	1846
Psa	San Andres	2484
Pbs	Bone Spring	3566

Hole: Unknown

TD:

TVD: 0

PBTD:

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8. Well Number 2
9. OGRID Number 06742
10. Pool name or Wildcat Angell Ranch; Atoka Morrow

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1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	JUL - 5 2006 RECEIVED OCD - ARTESIA
2. Name of Operator Echo Production, Inc.	
3. Address of Operator PO Box 1210, Graham, Texas 76450	
4. Well Location Unit Letter <u>I</u> : <u>1980</u> feet from the <u>south</u> line and <u>495</u> feet from the <u>west</u> line Section <u>36</u> Township <u>19S</u> Range <u>27E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3395 GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input checked="" type="checkbox"/>	
Pit type <u>drilling</u> Depth to Groundwater <u>50-100</u> Distance from nearest fresh water well <u>1000+</u> Distance from nearest surface water <u>1000+</u>	
Pit Liner Thickness: <u>12</u> mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL. <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: Close drilling pit <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Propose to close drilling pit on Angell Ranch 36 State #2. Will dig a trench adjacent to present pit of sufficient size to contain all cuttings from drilling pit, line the trench with a 12 mil liner, transfer drilling pit cuttings to the trench, cap the trench with a 20 mil liner and cap the liner with 3 feet of soil. Once the drilling pit has been evacuated the pit walls will be pushed in and the pit will be covered with 3 feet of soil.

Work will begin as approval is received and a contractor is available.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tom Golden TITLE Operations Manger DATE 6/30/06

Type or print name Tom Golden E-mail address: rondaw@echoproduction.com Telephone No. (940) 549-3292

For State Use Only

APPROVED BY: Gerry Guye TITLE Deputy Field Inspector DATE JUL 14 2006
Conditions of Approval (if any) District II - Artesia