

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-015-34068
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Straight Joe State Com
8. Well Number 1
9. OGRID Number 229137
10. Pool name or Wildcat HG; Morrow; Penn (Gas) 78400
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3241 GR

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator COG Operating LLC	
3. Address of Operator One Concho Center, 600 W. Illinois Ave, Midland, TX 79701	
4. Well Location Unit Letter M : 660 feet from the South line and 660 feet from the West line Section 32 Township 19S Range 30E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3241 GR	

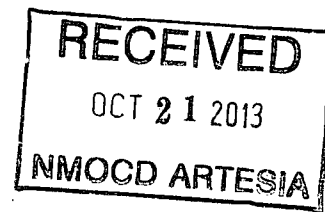
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

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"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: Pay Add - Recomplete from Morrow to Penn <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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating respectfully request to abandon the Morrow and recomplete to the Penn in the Straight Joe State Com #1

- 1) MIRU
- 2) Kill well if necessary.
- 3) Remove wellhead & install BOP.
- 4) Pull tubing and packer and visually inspect. If necessary, utilize workstring
- 5) Make a scraper run to 11600'
- 6) Set CIBP @ 11600'.
- 7) TIH with tubing open ended
- 8) Spot Class H cement mixed at 16.4# gal from 11600 - 11390
- 9) Fill up casing and pressure test to 8000 psi with 1000 psi on annulus
- 10) Perforate Penn Shale @ 10489 (12 holes), 10426 (10 holes), 10391 (12 holes) & 10351 (10 holes) w/6 spf, 120° phasing utilizing Halliburton openhole log dated 5/12/07.



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

SIGNATURE Brian Maiorino TITLE Regulatory Analyst DATE 10/17/13

Type or print name Brian Maiorino E-mail address: bmaiorino@concho.com PHONE: 432-221-0467

For State Use Only

APPROVED BY: [Signature] TITLE Dist # Supervisor DATE 10/22/2013

Conditions of Approval (if any):

- 11) TIH w/tubing & packer.
- 12) Spot acid across perfs. Set packer at 10400'
- 13) Acidize zone with 2000 gallons 15% NE HCl at 2 – 5 BPM. Drop 80 balls throughout the job. Have 500 psi on backside during job.
- 14) Shut-in 1 hour & flow back
- 15) Swab well
- 16) If justified, prepare for frac.
- 17) Pull tubing and set frac valve
- 18) Rig down
- 19) Frac Penn Shale down casing with attached procedure with 1000 psi on annulus
- 20) Set flow through composited plug @ 10300'
- 21) Perforate Penn Shale @ 10238 (10 holes), 10186 (12 holes), 10120 (12 holes) & 10047 (10 holes) w/6 spf, 120° phasing utilizing Halliburton openhole log dated 5/12/07.
- 22) Frac Penn Shale down casing with attached procedure with 1000 psi on annulus
- 23) Shut-in well for 24 hours
- 24) Flow well until dead
- 25) MIRU
- 26) TIH with tubing and bit
- 27) Drill out plug. TOH
- 28) TIH with production equipment
- 29) Place well on test

*Operations will be conducted using a closed loop system.

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-34068	² Pool Code 78400	³ Pool Name H6 Morrow	⁴ Penn (Gas)
⁴ Property Code 35727	⁵ Property Name Straight Joe State Com		⁶ Well Number 1
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC		⁹ Elevation 3241

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	32	19S	30E		660	South	660	West	Eddy

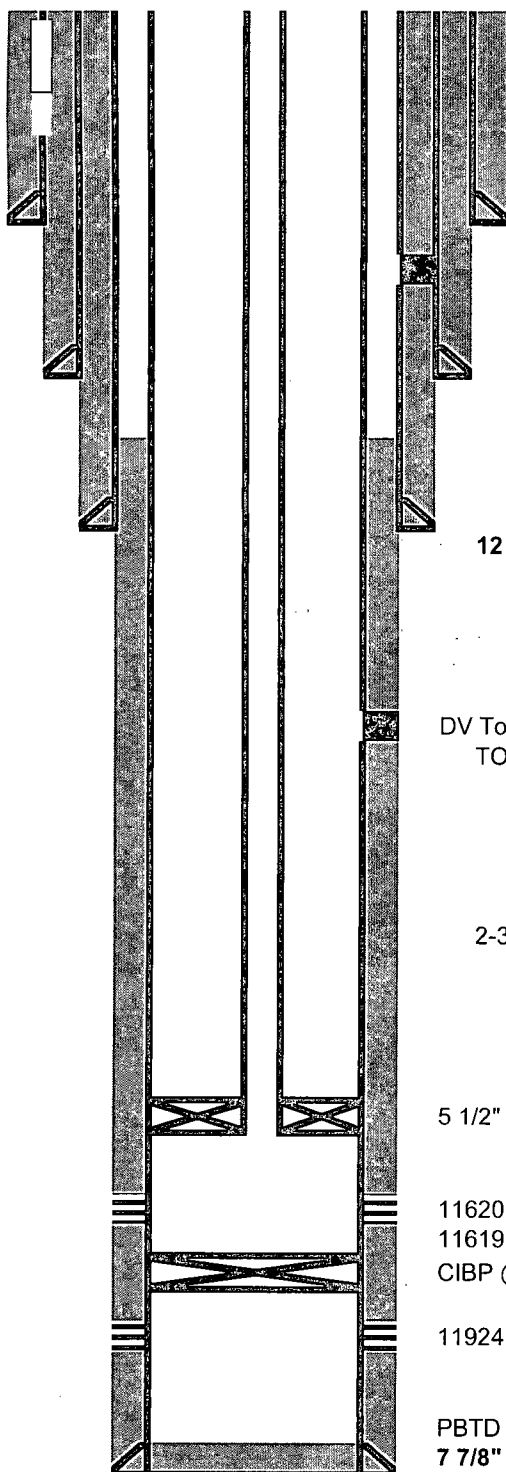
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature 10/17/13 Date Brian Maiorino Printed Name bmaiorino@concho.com E-mail Address
¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Please refer to original plat Date of Survey Signature and Seal of Professional Surveyor: Certificate Number				

Author:	Stroup		
Well Name	Straight Joe St	Well No.	#1
Field	Morrow	API #:	30-015-34068
County	Eddy	Prop #:	
State	New Mexico	Zone:	Morrow
Date	6/28/2013		
GL	3241'		
KB	3257'		

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	20	J55	94	344	950	Surface
Inter Csg 1	13 3/8	H40	54	1,573	1200	Surface
Inter Csg 2	9 5/8	J55	36	3,366	1,300	Surface
Prod Csg	5 1/2	P110	17	12,178	1660	2300



Current Wellbore

26" Hole

20" (J55 - 94#) @ 344' w/950 sx
TOC @ surface

DV Tool @ ??? w/450 sx

17 1/2" Hole

13 3/8" (H40 - 54#) @ 1573' w/1200 sx
TOC @ surface

TOC @ 2300' by TS

12 1/4" hole

9-5/8" (J55 - 36#) @ 3366' w/850 sx
TOC @ surface

DV Tool @ 8556' w/1050 sx
TOC @ 2300' by TS

2-3/8" L80 Tbg - 361 jts, 6 subs

5 1/2" Baker R Packer @ 11551' w/1.81" Profile

Upper Morrow

11620 - 11792' - 1 spf (20 holes).
11619'-11792' 3 spf (90 holes) Re-perf
CIBP @ 11895 w/cmt

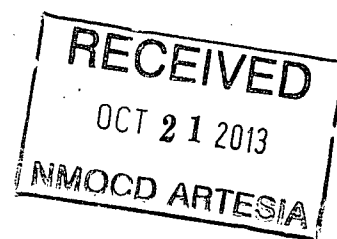
11924 - 26 6 spf
Lower Morrow

PBTD @ 12092'

7 7/8" hole

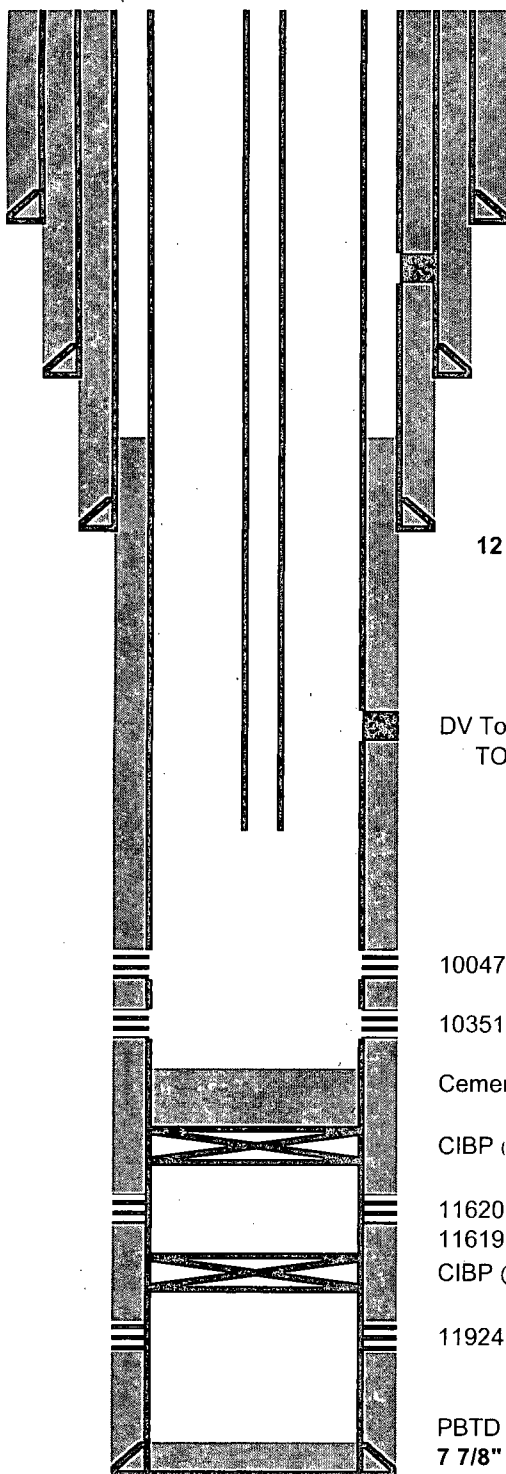
5-1/2" (P110 - 17#) @ 12178' w/610 sx

TD @ 12180'



Author:	Stroup		
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County	Eddy	Prop #:	
State	New Mexico	Zone:	Morrow
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Prod Csg	5 1/2	P110	17	12,178	1660	2300



Proposed Wellbore

26" Hole

20" (J55 - 94#) @ 344' w/950 sx
TOC @ surface

DV Tool @ ??? w/450 sx

17 1/2" Hole

13 3/8" (H40 - 54#) @ 1573' w/1200 sx
TOC @ surface

TOC @ 2300' by TS

12 1/4" hole

9-5/8" (J55 - 36#) @ 3366' w/850 sx
TOC @ surface

DV Tool @ 8556' w/1050 sx
TOC @ 2300' by TS

10047 - 10238
Penn Shale
10351 - 10489

Cement plug: 11390 - 11600

CIBP (

Upper Morrow

11620 - 11792' - 1 spf (20 holes)
11619'-11792' 3 spf (90 holes) Re-perf
CIBP @ 11895 w/cmt

11924 - 26 6 spf
Lower Morrow

PBTD @ 12092'

7 7/8" hole

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