

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 30 2013

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

WILCOAT ARTESIA

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM108025
2. Name of Operator COG OPERATING LLC Contact: STORMI DAVIS E-Mail: sdavis@concho.com		6. If Indian, Allottee or Tribe Name
3a. Address 2208 WEST MAIN STREET ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-6946 Fx: 575-748-6968	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T21S R25E NENE 940FNL 660FEL		8. Well Name and No. DRY LAND SHINER FEDERAL 1
		9. API Well No. 30-015-32815
		10. Field and Pool, or Exploratory WILCOAT, BONE SPRING WC-015 G-01 5212503A; Bone Spring (98023)
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompletion 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 site is ready for final inspection.)

COG Operating LLC proposes to plug back to the Bone Spring as follows (This sundry is a revision to the sundry submitted 1/18/13):

- 1) Test anchors if necessary. MIRU. Pull SP & inspect tbq. If necessary, utilize workstring.
- 2) Set CIBP @ 8000' & cap w/35' cmt. — see COA
- 3) TIH w/tbg & spot cmt plug 7800-7600' w/Class H mixed @ 16.4#/gal.
- 4) Circ clean & pull tbq.
- 5) Pressure test csg to 5500#. — see COA
- 6) Perf 3rd Bone Spring @ 7190' (12), 7135' (14), 7050' (10) & 6950' (10) w/6 spf, 60 degree phasing, utilizing Halliburton open-hole log dated 3/11/04.
- 7) TIH w/tbg & pkr. Spot acid across perfs. Set pkr @ 6875'.
- 8) Acdz w/3000 gal-15% HCl @ 3-5 BPM: Utilize 50 balls during job.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL
Accepted for record
4/30/2013

14. I hereby certify that the foregoing is true and correct.		Electronic Submission #201891 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 03/19/2013 ()	
Name (Printed/Typed)	STORMI DAVIS	Title	PREPARER
Signature	(Electronic Submission)	Date	03/19/2013

WITNESS
PLUG BACK

THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved By	Title	Date	
		APR 25 2013	
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	WESLEY W. KRAM PETROLEUM ENGINEER	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.			

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Provide C102 w/pool designated above to NMOCB

Additional data for EC transaction #201891 that would not fit on the form

32. Additional remarks, continued

- 9) SI 1 hr & flow back. Pull tbg & pkr. Set frac valve & prepare for frac.
- 10) Frac w/110000# 20/40 sand.
- 11) Set no-flow comp plug @ 5850'.
- 12) Perf 1st Bone Spring @ 5755' (14), 5662' (14), 5610' (10) & 5565' (12) w/6 spf, 60 degree phasing, utilizing Halliburton open-hole log dated 3/11/04.
- 13) Stimulate w/3000 gal 15% HCl & 110000# 20/40 sand.
- 14) Set no-flow comp plug @ 5450'.
- 15) Perf 1st Bone Spring @ 5345' (12), 5305' (12), 5270' (14) & 5220' (10) w/6 spf, 60 degree phasing, utilizing Halliburton open-hole log dated 3/11/04.
- 16) Stimulate w/3000 gal 15% HCl & 110000# 20/40 sand.
- 17) Leave well SI for 24 hrs. Blow down well. TIH w/tbg & bit & drill out comp plugs.
- 18) Run tbg & pkr w/gas lift valves.
- 19) Place well on test.

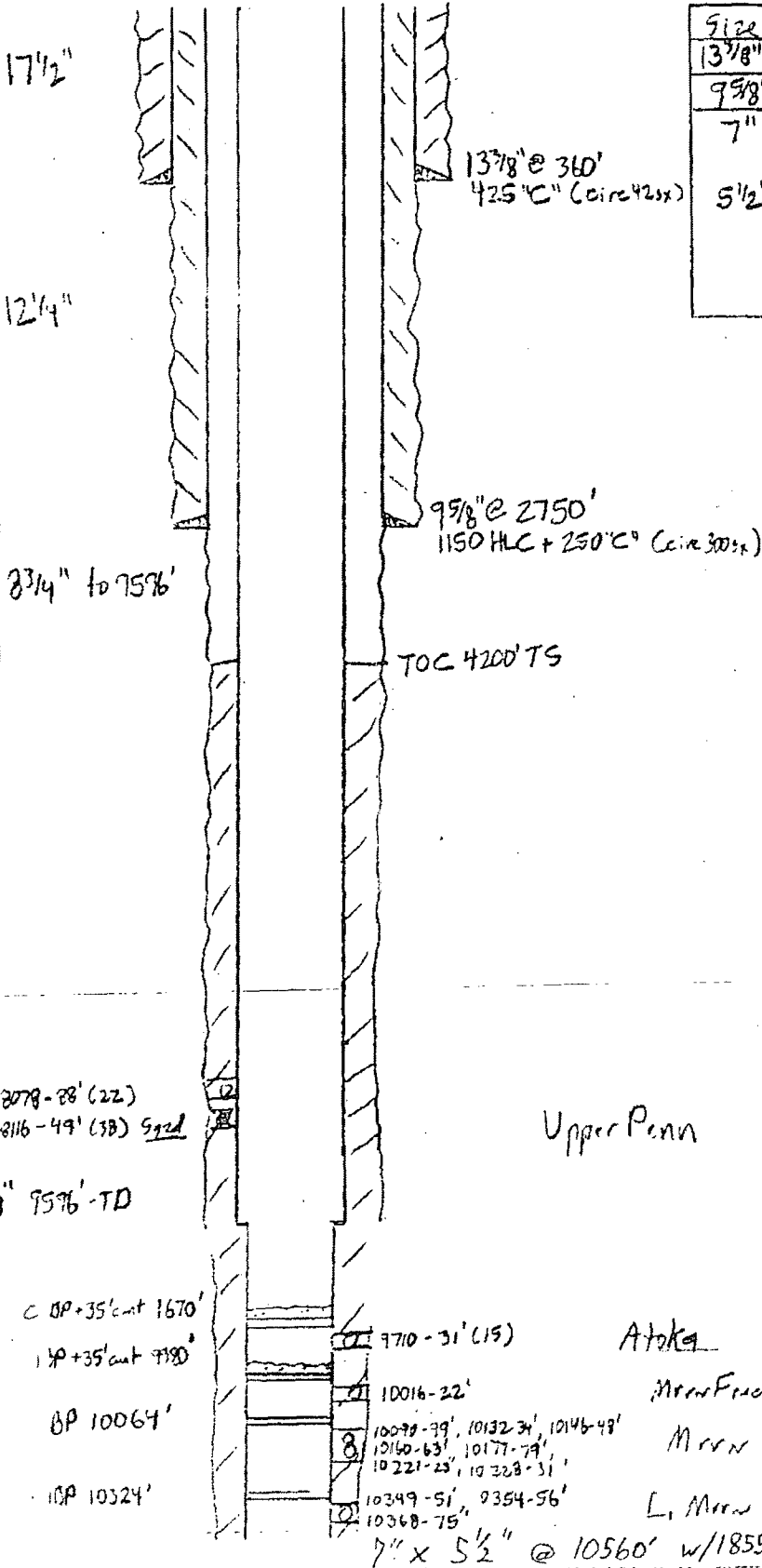
Current & proposed schematics attached.

Dry Land Shiner F

940' FNL, 660' FEL
A - 3 - 215 - 250
Eddy, NM

Zero: 17' AGL
KB: 3315'
GL: 3298'

Size	Wt	Gr	Cann	Depth
13 7/8"	48	H 40	STC	360'
9 5/8"	36	J55	STC	2750'
7"	23	L80	LTC	6755'
	23	Man 95	LTC	8778'
5 1/2"	17	P110	LTC	10560'



Current Schematic

Upper Penn

Atoka

More Fractured Zone

More

L. More

7" x 5 1/2" @ 10560' w/1855 SX

Dry Land Shiner F

940' FNL, 660' FEL
A - 3 - 215 - 250
Eddy, NM

Zero: 17' AGL
KB: 3315'
GL: 3298'

Size	Wt	Gr	Conn	Depth
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7"	23	L80	LTC	6755'
	23	Mau 95	LTC	8778'
5 1/2"	17	P110	LTC	10560'

17 1/2"

12 1/4"

8 3/4" to 7576'

13 7/8" @ 360'
425"C" (Circ 425x)

9 5/8" @ 2750'
1150 HLC + 250"C" (Circ 300x)

TOC 4200' TS

Proposed Schematic

- 5220', 5210', 5305', 5315' Bone Spring
- 5565', 5610', 5662', 5755' Bone Spring
- 6950', 7050', 7135', 7190' Bone Spring

Cont Plug

CIBP+ @ 8000'

8078-80 (44)

8116-49' (38) 512d

7 1/8" 7576'-TD

CIBP+35' cut 7670'

CIBP+35' cut 7780'

CIBP 10064'

CIBP 10324'

Upper Penn

Atoka

Merr Fractured Zone

Merr

L. Merr

7" x 5 1/2" @ 10560' w/1855 SX

Conditions of Approval

COG Operating LLC
Dry Land Shiner Federal 1
API 30-015-32815
T21S-R25E, Sec 3
April 25, 2013

1. A new "Well Location and Acreage Dedication Plat" (NMOCD Form C-102) is required with the notice of intent package when recompleting to another formation. Submit with subsequent report of operations.
2. Notify BLM 575-200-7902 when work commences. Some procedures are to be witnessed. If no answer, leave a voice mail with the API#, workover purpose and a call back phone number. Note the contact, time and date in your subsequent report.
3. Surface disturbance beyond the existing pad shall have prior approval.
4. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
5. Functional H₂S monitoring equipment shall be on location.
6. 3000 (3M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Ram(s) for the work string(s) used is required equipment. Manual BOP closure system including a blind ram and pipe ram(s) designed to close on all (hand wheels) equipment shall be installed regardless of BOP design. Perform a function test of the installed BOPE to 500 psig to verify that all systems are operational as soon as well conditions permit. Related equipment (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.
7. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
8. The BLM PET witness is to run tbg tally and agree to cement placement. Sample each plug for cement curing time and tag and/or pressure test (WOC time of 4 hours recommended for class "C") or as requested by BLM PET witness.
9. Class H > 7500 ft & C < 7500 ft) cement plugs(s) will be necessary. The plugs shall be a minimum of 25 sacks of cement and a minimum length of 100 ft. Add 10% to the 100 ft slurry volume for each 1000 ft of plug depth. For any plug that requires a tag or pressure test a minimum WOC time of 4 hours(C) & 8 hours(H) is recommended. Formation isolation plugs of Class "C" to be mixed 14.8#/gal, 1.32 ft³/sx, 6.3gal/sx water and "H" to be mixed 15.6#/gal, 1.18ft³/sx, 5.2gal/sx water.

10. Minimum requirement for mud placed between plugs is 25 sacks of salt water gel per 100 barrels in 9 lb/gal brine.
11. Prior to Step 2, set a Class H cement plug on the CIBP at 9,670'. Tag the plug at 9,300' or shallower.
12. Operator shall pump a 25 sack Class H cement plug on the CIBP at 8,000'.
13. Provide BLM with an electronic copy (Adobe Acrobat Document) cement bond log record from 7,400' or below to top of cement. The CBL may be attached in an e-mail to pswartz@blm.gov. The CFO BLM on call engineer may be reached at 575-706-2779.
14. Step 5 - Operator has proposed a test to 5,500 psi, which is 87% of the burst rating for the L-80 casing. This test shall be charted and requires witnessing by a BLM PET. Pressure leakoff may require remediation prior to continuing with the procedure. Include a copy of the chart in the subsequent sundry for this workover.
15. The operator shall perform a pressure test upon completion of the fracture treatments to verify casing integrity. Pressure test shall be to 5,500 psi and shall be charted and witnessed. Include a copy of the chart in the subsequent sundry for this workover.
16. File a subsequent sundry Form 3160-5 within 30 days of completing the workover.
17. Submit the BLM Form 3160-4 Completion Report within 30 days of the date all BLM approved procedures are complete.
18. Workover approval is good for 90 days (completion to be within 90 days of approval). A legitimate request is necessary for extension of that date.

An inactive/shut-in well bore is a non-producing completion that is capable of "beneficial use" i.e. production in paying quantities or of service use.

19. Submit evidence to support your determination that the well has been returned to active "beneficial use" for BLM approval on the Sundry Notice Form 3160-5 (the original and 3 copies) before 10/25/2013
20. Should "beneficial use" not be achieved submit for BLM approval a plan for plug and abandonment.

PRS/WW1 042513

Access information for use of Form 3160-5 "Sundry Notices and Reports on Wells"

NM Fed Regs & Forms - http://www.blm.gov/nm/st/en/prog/energy/oil_and_gas.html

§ 43 CFR 3162.3-2 Subsequent Well Operations.

§ 43 CFR 3160.0-9 (c)(1) Information collection.

§ 3162.4-1 (c) Well records and reports.