

District I,
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 & Natural Resources

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W Main Street Artesia, NM 88210		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-44047	⁵ Pool Name Dogie Draw; Wolfcamp	⁶ Pool Code 17980
⁷ Property Code 319617	⁸ Property Name Square Bill Federal Com	⁹ Well Number 22H

II. ¹⁰ Surface Location

Ul or lot no P	Section 31	Township 25S	Range 35E	Lot Idn	Feet from the 210	North/SouthLine South	Feet from the 990	East/West line East	County Lea
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¹¹ Bottom Hole Location

UL or lot no I	Section 30	Township 25S	Range 35E	Lot Idn	Feet from the 2434	North/South line South	Feet from the 964	East/West line East	County Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 8/10/18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Alpha Crude Connector Pipeline	O
24650	Targa Midstream Services, LP 1000 Louisiana Ste 4700 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 11/17/17	²² Ready Date 8/10/18	²³ TD 20,115'	²⁴ PBTB 19,990	²⁵ Perforations 12,748-19,965	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
13 1/2	10 3/4	1148'	850		
9 7/8	7 5/8	11,805'	1950		
6 3/4	5 5 1/2	20115-11319 11319 - 0	1600		
	2 7/8	11502			

V. Well Test Data

³¹ Date New Oil 8/10/18	³² Gas Delivery Date 08/10/18	³³ Test Date 8/10/18	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 4200	³⁶ Csg. Pressure 2700
³⁷ Choke Size 17/64	³⁸ Oil 240	³⁹ Water 2663	⁴⁰ Gas 218		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Amanda Avery

Printed name:

Amanda Avery

Title:

Regulatory Tech II

E-mail Address:

aaavery@concho.com

Date:

10/23/18

Phone:

575-748-6962

OIL CONSERVATION DIVISION

Approved by:

Karen Sharp

Title:

Staff Mgr

Approval Date:

10-29-18

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO 1004-0137
Expires January 31, 2018**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.*5 Lease Serial No
NMNM119280

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

8 Well Name and No
SQUARE BILL FEDERAL COM 22H9 API Well No
30-025-4404710 Field and Pool or Exploratory Area
DOGIE DRAW; WOLFCAMP11 County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**1 Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2 Name of Operator
COG OPERATING LLC
Contact AMANDA AVERY
E-Mail aavery@concho.com3a Address
2208 W MAIN STREET
ARTESIA, NM 882103b Phone No (include area code)
Ph: 575-748-69404 Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 31 T25S R35E SESE 210FSL 990FEL**12 CHECK THE 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	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

05/30/18 - 7/17/18 Test annulus to 1500# Set CBP @ 19,990' and test csg to 11,005#. Good test.

Perf 19,830-19,965' (44) Injection test

06/17/18 to 07/17/18 Perf 12,748-19,965' (1600) Acid w/62 832 gal 7 1/2%, frac w/12,310,640# sand & 12,008,514 gal fluid.

07/21/18 to 07/21/18 Drilled out CFP's Clean down to CBP @ 19,990'.

08/02/18 Set 2 7/8" 6 5# L-80 tbg @ 11,502' @ packer @ 11,487'. Installed gas lift system

08/09/18 Began flowing back & testing

08/10/18 Date of first production.

14 I hereby certify that the foregoing is true and correct

Electronic Submission #440827 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs

Name (Printed/Typed) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 10/23/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____
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.

Title _____

Office _____

Documents pending BLM approvals will
subsequently be reviewed and scanned

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
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

or agency of the United States

(Instructions on page 2)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM119280

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
SQUARE BILL FEDERAL COM 22H9. API Well No.
30-025-4404710. Field and Pool, or Exploratory
DOGIE DRAW; WOLFCAMP11. Sec., T., R., M., or Block and Survey
or Area Sec 31 T25S R35E Mer NMP12. County or Parish
LEA13. State
NM17. Elevations (DF, KB, RT, GL)*
3273 GLType of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
COG OPERATING LLCContact: AMANDA AVERY
E-Mail: aavery@concho.com3. Address
2208 W MAIN STREET
ARTESIA, NM 882103a. Phone No. (include area code)
Ph: 575-748-6940

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Sec 31 T25S R35E Mer NMP

SESE 210FSL 990FEL

At top prod interval reported below Sec 31 T25S R35E Mer NMP

SESE 210FSL 990FEL

At total depth Sec 30 T25S R35E Mer NMP

SESE 2434FSL 964FEL

14. Date Spudded
11/17/201715. Date T.D. Reached
01/26/201816. Date Completed
☐ D & A ☒ Ready to Prod.
08/10/201818. Total Depth: MD
TVD 20115
1260519. Plug Back T.D.: MD
TVD 19990
1260520. Depth Bridge Plug Set: MD
TVD 19990
12605

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.500	10.750 L80	45.5	0	1148		850		0	
6.750	5.500 P110	23.0	0	11319		1600		0	
9.875	7.625 P110	29.7	0	11805	5396	1950		0	
6.750	5.000 P110	18.0	11319	20115					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	11502	11487						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12748	19965	12748 TO 19965		1600	
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12748 TO 19965	SEE ATTACHED

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/10/2018	08/10/2018	24	→	240.0	218.0	2663.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
17/64	SI 4200	2700.0	→	240	218	2663		POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #440820 VERIFIED BY THE BLM WELL INFORMATION SYSTEM.

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

Documents pending BLM approvals will
subsequently be reviewed and scanned

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RSLR	1088			RSLR	1088
TOS	1509			TOS	1509
BOS	5062			BOS	5062
LMAR	5365			LMAR	5365
BLCN	5408			BLCN	5408
CYCN	6364			CYCN	6364
BYCN	7932			BYCN	7932
FBSG	10379			FBSG	10379

32. Additional remarks (include plugging procedure):

SBSG 11128 SBSG 11128
TBSG 12016 TBSG 12016
WFMP 12483 WFMP 12483

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #440820 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 10/23/2018

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots	
		19,985	19	5	19,757	73	5	19,603	21	5	19,422	22	5	19,264	0	5
		19,946	19	5	19,738	16	5	19,575	22	5	19,399	22	5	19,218	22	5
		19,927	20	5	19,722	22	5	19,553	21	5	19,377	23	5	19,196	23	5
		19,907	19	5	19,700	19	5	19,532	19	5	19,354	22	5	19,173	22	5
		19,888	19	5	19,681	19	5	19,513		5	19,332	23	5	19,151	23	5
		19,869	19	5	19,662	19	5	19,487	20	5	19,309	23	5	19,128	23	5
		19,850	20	5	19,643	19	5	19,467	23	5	19,286	22	5	19,105	22	5
		19,830		5	19,624		5	19,444		5	19,264		5	19,083		5
		Plug to Plug	83	40	Plug to Plug	72	40	Plug to Plug	80	40	Plug to Plug	77	40	Plug to Plug	77	40
	Frac Plug	19,990	Total Shots	Frac Plug	19,772	Total Shots	Frac Plug	19,612	Total Shots	Frac Plug	19,431	Total Shots	Frac Plug	19,250	Total Shots	

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	19,060	23	5	18,881	21	5	18,702	19	5	18,519	21	5	18,341	18	5
	19,037	22	5	18,856	22	5	18,675	22	5	18,494	19	5	18,313	26	5
	19,015	23	5	18,834	23	5	18,653	23	5	18,475	26	5	18,287	19	5
	18,992	22	5	18,811	22	5	18,630	22	5	18,449	18	5	18,268	18	5
	18,970	23	5	18,789	23	5	18,608	23	5	18,431	27	5	18,250	27	5
	18,947	23	5	18,766	23	5	18,585	23	5	18,404	29	5	18,223	28	5
	18,924	22	5	18,743	22	5	18,562	22	5	18,375	16	5	18,195	13	5
	18,902		5	18,721		5	18,540		5	18,359		5	18,182		5
	Plug to Plug	77	40	Plug to Plug	79	40	Plug to Plug	81	40	Plug to Plug	79	40	Plug to Plug	82	40
Frac Plug	19,069	Total Shots	Frac Plug	18,890	Total Shots	Frac Plug	18,711	Total Shots	Frac Plug	18,528	Total Shots	Frac Plug	18,350	Total Shots	

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots	
		18,163	19	5	17,974	26	5	17,784	32	5	17,605	30	5	17,429	25	5
		18,132	23	5	17,951	22	5	17,763	27	5	17,589	22	5	17,408	22	5
		18,109	22	5	17,929	23	5	17,736	18	5	17,567	23	5	17,386	22	5
		18,087	22	5	17,906	22	5	17,718	18	5	17,544	22	5	17,364	23	5
		18,065	23	5	17,884	23	5	17,700	20	5	17,522	23	5	17,341	22	5
		18,042	23	5	17,861	23	5	17,680	23	5	17,499	23	5	17,319	24	5
		18,019	19	5	17,838	22	5	17,657	22	5	17,476	22	5	17,295	19	5
		18,000		5	17,816		5	17,635		5	17,454		5	17,276		5
		Plug to Plug	85	40	Plug to Plug	84	40	Plug to Plug	75	40	Plug to Plug	70	40	Plug to Plug	74	40
	Frac Plug	18,172	Total Shots	Frac Plug	17,990	Total Shots	Frac Plug	17,793	Total Shots	Frac Plug	17,614	Total Shots	Frac Plug	17,438	Total Shots	

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	17,250	26	5	17,069	23	5	16,888	22	5	16,707	23	5	16,526	23	5
	17,231	22	5	17,043	23	5	16,866	23	5	16,685	23	5	16,504	23	5
	17,209	23	5	17,020	22	5	16,843	23	5	16,662	23	5	16,481	23	5
	17,186	22	5	16,998	21	5	16,820	22	5	16,639	22	5	16,458	22	5
	17,164	22	5	16,977	22	5	16,798	23	5	16,617	23	5	16,436	23	5
	17,142	22	5	16,955	22	5	16,775	23	5	16,594	23	5	16,413	23	5
	17,120	28	5	16,933	23	5	16,752	22	5	16,571	22	5	16,390	22	5
	17,092		5	16,910		5	16,730		5	16,549		5	16,368		5
	Plug to Plug	73	40	Plug to Plug	80	40	Plug to Plug	77	40	Plug to Plug	77	40	Plug to Plug	77	40
Frac Plug	17,259	Total Shots	Frac Plug	17,078	Total Shots	Frac Plug	16,897	Total Shots	Frac Plug	16,716	Total Shots	Frac Plug	16,535	Total Shots	

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots	
		16,345	23	5	16,164	23	5	15,980	26	5	15,803	25	5	15,621	29	5
		16,323	23	5	16,142	23	5	15,958	22	5	15,780	23	5	15,599	23	5
		16,300	23	5	16,119	24	5	15,936	21	5	15,757	23	5	15,576	23	5
		16,277	22	5	16,095	25	5	15,915	24	5	15,734	22	5	15,553	22	5
		16,255	23	5	16,070	22	5	15,891	21	5	15,712	23	5	15,531	23	5
		16,232	23	5	16,048	23	5	15,870	23	5	15,689	20	5	15,508	23	5
		16,209	22	5	16,025	19	5	15,847	19	5	15,669	19	5	15,485	22	5
		16,187		5	16,006		5	15,828		5	15,650		5	15,463		5
		Plug to Plug	77	40	Plug to Plug	78	40	Plug to Plug	80	40	Plug to Plug	84	40	Plug to Plug	87	40
	Frac Plug	16,354	Total Shots	Frac Plug	16,173	Total Shots	Frac Plug	15,995	Total Shots	Frac Plug	15,818	Total Shots	Frac Plug	15,640	Total Shots	

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots	
		15,431	32	5	15,254	28	5	15,075	26	5	14,896	24	5	14,716	25	5
		15,413	18	5	15,234	20	5	15,056	23	5	14,875	23	5	14,696	25	5
		15,395	23	5	15,214	23	5	15,033	23	5	14,852	21	5	14,671	19	5
		15,372	22	5	15,191	22	5	15,010	22	5	14,831	24	5	14,652	26	5
		15,350	23	5	15,169	23	5	14,988	23	5	14,807	21	5	14,626	28	5
		15,327	23	5	15,146	23	5	14,965	23	5	14,786	25	5	14,598	18	5
		15,304	22	5	15,123	22	5	14,942	22	5	14,761	20	5	14,580	17	5
		15,282		5	15,101		5	14,920		5	14,741		5	14,563		5
		Plug to Plug	68	40	Plug to Plug	72	40	Plug to Plug	74	40	Plug to Plug	74	40	Plug to Plug	73	40
	Frac Plug	15,440	Total Shots	Frac Plug	15,263	Total Shots	Frac Plug	15,084	Total Shots	Frac Plug	14,905	Total Shots	Frac Plug	14,725	Total Shots	

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	14,535	28	5	14,354	19	5	14,173	23	5	13,992	23	5	13,811	23	5
	14,518	28	5	14,328	23	5	14,151	23	5	13,970	23	5	13,789	23	5
	14,490	27	5	14,306	22	5	14,128	23	5	13,947	23	5	13,766	23	5
	14,463	22	5	14,284	23	5	14,105	22	5	13,924	22	5	13,743	22	5
	14,441	23	5	14,261	22	5	14,083	23	5	13,902	23	5	13,721	23	5
	14,416	23	5	14,239	22	5	14,060	22	5	13,879	22	5	13,698	22	5
	14,395	22	5	14,217	21	5	14,038	23	5	13,857	23	5	13,676	23	5
	14,373		5	14,196		5	14,015		5	13,834		5	13,653		5
	Plug to Plug	81	40	Plug to Plug	79	40	Plug to Plug	77	40	Plug to Plug	77	40	Plug to Plug	77	40
Frac Plug	14,544	Total Shots	Frac Plug	14,363	Total Shots	Frac Plug	14,182	Total Shots	Frac Plug	14,001	Total Shots	Frac Plug	13,820	Total Shots	

From Bottom to Top	Distance Between Perfs	Shots	Distance Between Perfs	Shots	Distance Between Perfs	Shots	Distance Between Perfs	Shots	Distance Between Perfs	Shots	Distance Between Perfs	Shots			
	13,630	23	5	13,449	23	5	13,270	21	5	13,093	19	5	12,904	25	5
	13,603	18	5	13,427	23	5	13,246	20	5	13,070	22	5	12,884	24	5
	13,585	23	5	13,404	23	5	13,226	26	5	13,048	23	5	12,860	24	5
	13,562	22	5	13,381	21	5	13,200	19	5	13,025	22	5	12,836	23	5
	13,540	23	5	13,360	24	5	13,181	26	5	13,003	29	5	12,813	23	5
	13,517	22	5	13,336	21	5	13,155	18	5	12,974	26	5	12,790	23	5
	13,495	23	5	13,316	24	5	13,137	25	5	12,948	19	5	12,767	19	5
	13,472		5	13,291		5	13,112		5	12,929		5	12,743		5
	Plug to Plug	77	40	Plug to Plug	77	40	Plug to Plug	79	40	Plug to Plug	77	40	Plug to Plug	83	40
Frac Plug	13,638	Total Shots	Frac Plug	13,456	Total Shots	Frac Plug	13,279	Total Shots	Frac Plug	13,102	Total Shots	Frac Plug	12,919	Total Shots	

Square Bill Federal Com #22H

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	363529	305508
2	1554	363208	296898
3	1512	360800	296226
4	3108	334191	296226
5	1512	362825	332346
6	1512	363450	301392
7	1512	361626	298326
8	1554	362713	294504
9	1554	360951	301266
10	1974	364580	326550
11	3024	361054	294168
12	1512	361993	291564
13	1512	362750	309708
14	1512	360923	294168
15	1512	362155	331380
16	1470	361832	292320
17	1638	362864	292026
18	1512	358269	293244
19	1512	365138	308994
20	1554	362108	311766
21	1554	362195	298704
22	1512	362244	273588
23	1554	360504	290766
24	1554	366092	298956
25	1512	363793	301140
26	1428	363746	287448
27	1512	361999	290178
28	1512	360309	293286
29	3024	361823	290430
30	1554	362546	310758
31	1512	363148	292530
32	1512	362529	284256
33	1554	363001	285726
34	1512	362070	292572
35	1596	358061	332766
36	1512	362126	288708
37	1470	301585	301938
38	1470	381032	308448
39	1470	381795	297276
40	1512	381086	320460
Totals	62,832	12,310,640	12,008,514