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	<u>ا</u>			15-897
		OCD Hobb	c	
HO888 COD			5	
				FORM APPROVED OMB No. 1004-0137
APR 212012				Expires October 31, 2014
			5. Lease	Serial No. SHL: NMNM043564
RECEIVED DEPARTMENT OF THE				BHL: NMNM043565
BUREAU OF LAND MAN APPLICATION FOR PERMIT TO		TFR	6. If Indi	an, Allotee or Tribe Name
Type of Work:   DRILL  REENTER			7. If Unit	or CA Agreement, Name and No.
				· · · · · · · · · · · · · · · · · · ·
Type of Well: 🗸 Oil Well 🗍 Gas Well 🗍 Other	Sing	le Zone 🗌 Multipl		Name and Well No. <b>3/6/03</b> Squints Federal Com #7H
Name of Operator	bacup		9. API W	
COG Operating LLC.	(229131)		30	
Address 3b. Phone 2208 West Main Street	No. (include area co	le)		and Pool, or Exploratory
Artesia, NM 88210	575-748-6	940 6 8		OJO Chiso; Bone Spring
Location of Well (Report location clearly and in accordance with any State r	, .	C	11. Sec.,	T.R.M. or Blk and Survey or Area
At surface 190' FSL & 2010' FWL Unit Le	• •		SHL	
At proposed prod. Zone 330' FNL & 1980' FWL Unit Le Distance in miles and direction from nearest town or post office*	etter C (NENW) Se	C 22.1225.R34E	12 Court	Sec. 27 - T22S - R34E ty or Parish 13. State
About 17 miles from Eur	lice	and the second se	•	a County NM
Distance from proposed*	16. No. (	of acres in lease		edicated to this well
location to nearest		1043565: 640 1043564: 1,920		· · · · · · · · · · · · · · · · · · ·
property or lease line, ft. (Also to nearest drig. Unit line, if any) 190'		1043304. 1,920		320
Distance from location*	1 .	osed Depth	20. BLM/BIA Bond	No. on file
to nearest well, drilling, completed, SHL: 30' (Prop. Squint: applied for, on this lease, ft. BHL: 6608'		10,380 MD: 20,217'	NMB	000740 &NMB000215
Elevations (Show whether DF, KDB, RT, GL, etc.)		oximate date work will		23. Estimated duration
3404.4' GL		10/1/201	5	30 days
	24. Attachm	ents		
e following, completed in accordance with the requirements of Onshor	e Oil and Gas Order	No. 1, shall be attached	to this form:	
Well plat certified by a registered surveyor.	4. Bo	and to cover the operati	ons unless covered by	an existing bond on file (see
A Drilling Plan		tem 20 above).		
A Surface Use Plan (if the location is on National Forest System Land SUPO shall be filed with the appropriate Forest Service Office).	-	perator certification	formation and/or plan	is as may be required by the
		uthorized officer.	ionnation anayor plar	s as may be required by the
Signature Na	me (Printed/Typed)			Date
Mate Klass 1		Mayte Reyes		7-20-15
le ; <b>0 </b>				1
Regulatory Analyst				
proved by (Signo #SI STEPHEN J. CAFEEY	ime (Printed/Typed)			Date APR 1 4 2018
	fice			
FOR FIELD MANAGER	RI_M_C	ARLSBAD FI	ELD OFFICI	3
plication app The NMOCD Gas Capture Plan notice		to those rights in the	subject lease which w	ould entitle the applicant to
nduct operat has been posted on the web site under		APPROVAL FO		10 N
Announcements/Notice to Operators. A GCP form is included with the notice and	copy of the			
e 18 U.S.C. S Forms section under Unnumbered forms	s. Please		make to any departm	ent or agency of the United
tes any false submit accordingly in a timely manner.		ts jurisdiction.		
ontinued on page 2)		EDFOR		*(Instructions on page 2
	NDITIONS	OF APPRO	VALAPPRO	VAL SUBJECT TO
Witness Surface &			<b>GENER</b>	AL REQUIREMENTS
Intermediate Casing		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	SPFCIA	L STIPULATIONS
Un Capita	n Controlled V	Vater Basin	ATTACI	Jen
			<b>AUAU</b>	APR 2 5 20'
				· · · · · · · · · · · · · · · · · · ·

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## 1. Geologic Formations

TVD of target	10380'	Pilot hole depth	NA
MD at TD:	20217'	Deepest expected fresh water:	605'

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hažards*
Quaternary Fill	Surface	Water	
Rustler	1687'	Water	
Top of Salt	1883'	Salt	
Tansill	3623'	Barren	
Yates	3702'	Oil/Gas	
Capitan Reef	4031'	Water	Possible lost circ
Delaware Group	5299'	Oil/Gas	Possible lost circ
Bone Spring	8520'	Oil/Gas	
2 <sup>nd</sup> Bone Spring Sand	10087'	Target Zone	
Wolfcamp	11329'	Oil/Gas	

# $C_{ee}^{2}$ . Casing Program

Hole	Casing	j Interval	Csg.	Weight	Grade	Conn.	SF	SF	SF
Size	From	То	Size	( <b>lbs</b> )			Collapse	Bürst	Tension
17.5"	0'	, 1840'	13.375"	54.5	J55	STC	1.30	1.03	5.13
12.25"	0'	5420-5600	9.625"	40	L80	BTC	1.17	1.17	4.09
8.75"	0'	20217'	5-1/2"	17	P110	BTC	1.52	2.17	*1.59D
				BLM Mini	imum Safet	y Factor	1.125	1.00	1.6 Dry
									1.8 Wet

- All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h
- BLM standard formulas were used on all SF calculations.
- Used 9.1 PPG for pore pressure calculations
- Will set DV tool within 100' of the top of the Capitan Reef. Estimated setting depth is 3940'.
- \*Explanation for SF's below BLM's minimum standards:
  - 5-1/2" 17# P110 BTC SF Tension = 1.59D.

More than half of the string length is below the KOP; therefore most of the string weight below the KOP will be supported by the bottom of the hole. The net effect on tension for this portion of the string would be the friction factor (  $\sim 0.30 - 0.45$ ) of the lateral times the supported string weight.

	Ŷ or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide	N
justification (loading assumptions, casing design criteria).	
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	<u>Y</u>
If yes, does production casing cement tie back a minimum of 50' above the Reef?	Y
Is well within the designated 4 string boundary.	Ν
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 <sup>rd</sup> string cement tied back	
500' into previous casing?	
Is well located in R-111-P and SOPA?	N N
If yes, are the first three strings cemented to surface?	
Is 2 <sup>nd</sup> string set 100' to 600' below the base of salt?	
TERE LETTER SCREET ABLE TO SERVE THE AND THE AND DEVELOPMENT AND THE AND THE AND THE AND THE AND THE AND THE AND	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

## 2. Cementing Program

Casing	# Sks	Wť. lb/ gal	Yid ft3/ sack	H20 gal/sk	500# Comp. Strength (hours)	Slurry Description
Surf.	790	13.5	1.75	9.2	13	Lead: Class C + 4% Gel + 2% CaCl2
	275	14.8	1.34	6.4	6	Tail: Class C + 2% CaCl2
Inter.	280	12.9	1.92	10.0	12	Lead: Class C Lite (65:35:6) + 4% Salt + 5# Kolseal
Stg 1	200	14.8	1.34	6.4	6	Tail: Class C
Inter.	970	12.9	1.92	10.0	12	Lead: Class C Lite (65:35:6) + 4% Salt + 5# Kolseal
Stg 2	200	14.8	1.34	6.4	6	Tail: Class C
Prod.	1010	10.3	3.52	21.3	75	Lead: Halliburton Tuned Lite w/ 2# kolseal, 1.5# salt, 1/4# D-Air 5000, 1/8# PEF, etc
	2470	14.4	1.25	5.7	22	Tail:50:50:2 H blend (FR, Retarder, FL adds as necessary)

Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	TOC	% Excess
Surface	0'	36%
Intermediate – Stage 1	3940'	51%
Intermediate – Stage 2	0'	124%
Production	0'	39%

Pilot hole depth: <u>NA</u> KOP: <u>9903'</u>

#### 4. Pressure Control Equipment

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Τ <b>,</b>	́ре		Tested to:
			Anr	nular	x	50% of working pressure
			Blind	l Ram		
12-1/4"	13-5/8"	2M	Pipe Ram			2M
			Double Ram			21111
			Other*			
			Anr	nular	X	50% testing pressure
			Blind Ram			
8-3/4"	13-5/8"	3M	Pipe Ram			
0-3/4	15-570	5111	Doubl	e Ram	X	3M
			Other *			

\* Actual equipment is 13-5/8" 5M Hydril Annular, will use for 2M WP System.

\*\* - Actual equipment is 13-5/8" 5M Hydril Annular & 13-5/8" 10M Cameron triple ram, will use for 3M WP System.

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

	<ul> <li>N Formation integrity test will be performed per Onshore Order #2.</li> <li>On Exploratory wells or on that portion of any well approved for a 5M BOPE syster greater, a pressure integrity test of each casing shoe shall be performed. Will be tester accordance with Onshore Oil and Gas Order #2 III.B.1.i.</li> </ul>							
Sel	Y	A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart. Are anchors required by manufacturer? No.						
	N	A multibowl wellhead is being used. The BOP will be tested per Onshore Order #2 after						
		installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested. See attached schematic.						

#### 5. Mud Program

Coll.	Í From	Depth To	Туре	Weight (ppg)	Viscosity	Water Loss
Sea	0	Surf. shoe	FW Gel	8.6 - 9.0	28-34	N/C
COr.	Surf csg	Int shoe	*Saturated Brine	10.0 - 10.2	28-34	N/C
-	Int shoe	TMD	Cut Brine	8.6 - 9.3	28-34	N/C

\*If lost circulation is encountered, will switch to fresh water.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to n	• • • •	of fluid?   Pason PV7	
What will be used to n	constar the lace or gain	$\Delta f f h u d' = \{ D_{0} c \Delta n D V \}$	
	IOHILOI LINE IUSS OF BAHL		
			·

# 6. Logging and Testing Procedures

Logg	ing, Coring and Testing.
v	Will run GR/CNL from TD to surface (horizontal well – vertical portion of hole). Stated
Λ	logs run will be in the Completion Report and submitted to the BLM.
	No Logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain
	Coring? If yes, explain

Addi	tional logs planned	Interval
X	Mud log	Production

#### 7. Drilling Conditions

Condition	Specify what type and where?
BH Pressure at deepest TVD	4911 psi – 2 <sup>nd</sup> Bone Spring Sand (10380' TVD)
Abnormal Temperature	No

Mitigation measure for abnormal conditions.

- Lost circulation material/sweeps/mud scavengers.
- Maintain stock of LCM and weighting materials onsite.



Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.

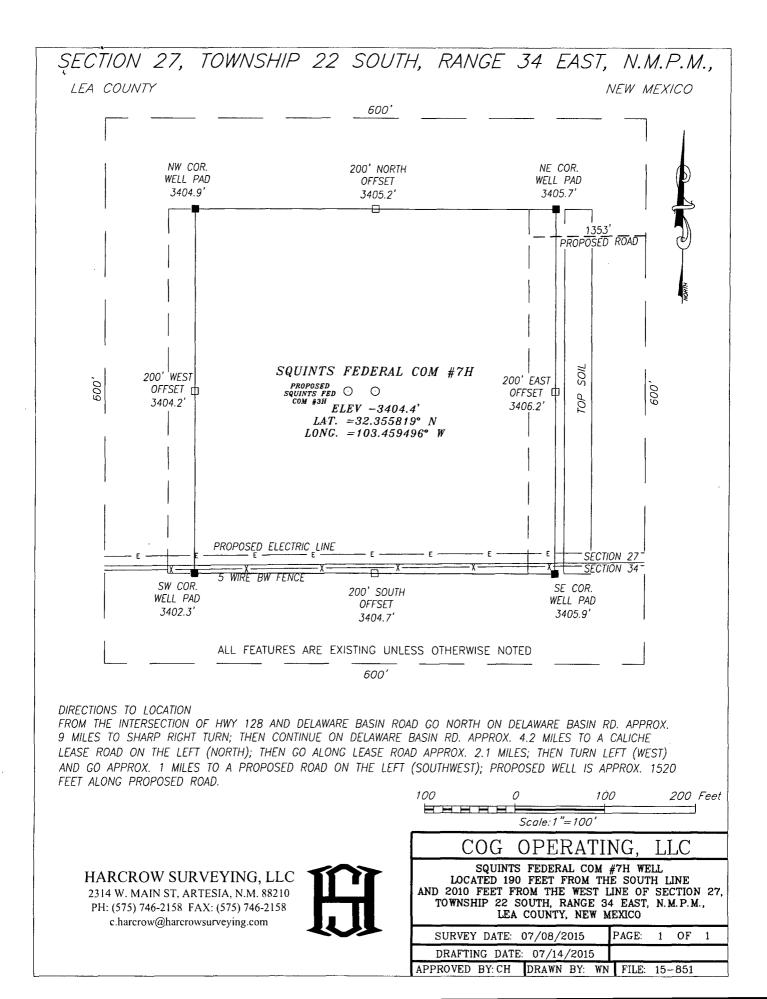
NH2S is presentyH2S Plan attached

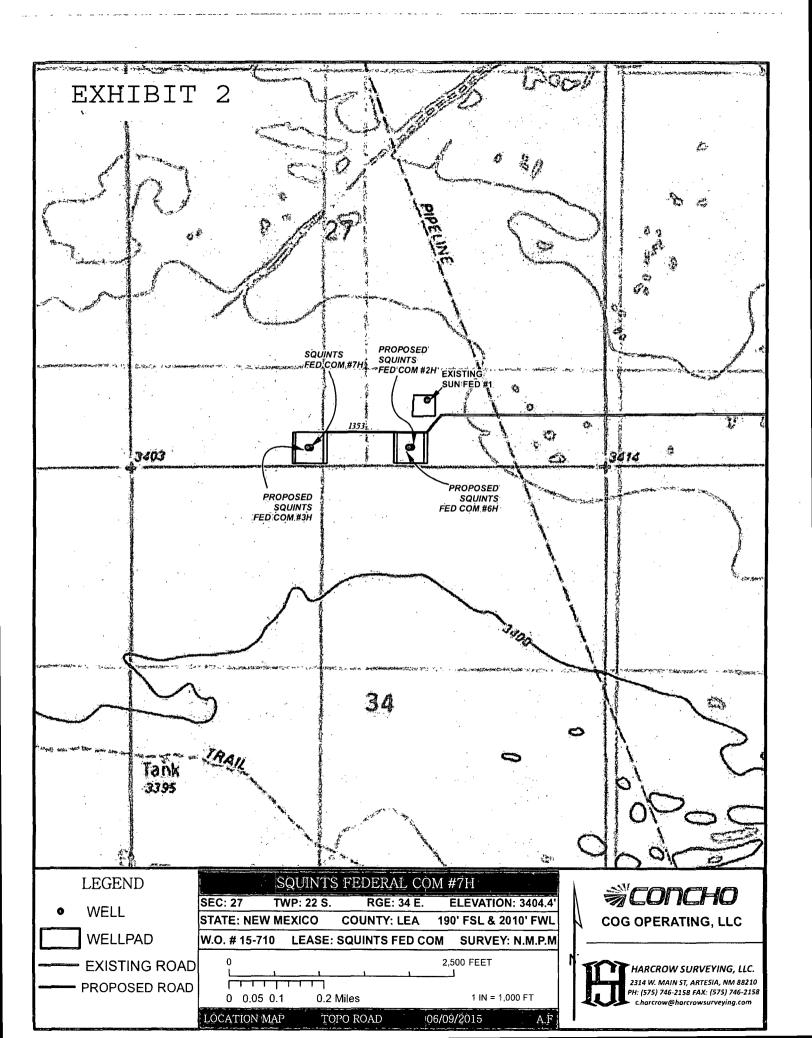
#### 8. Other facets of operation

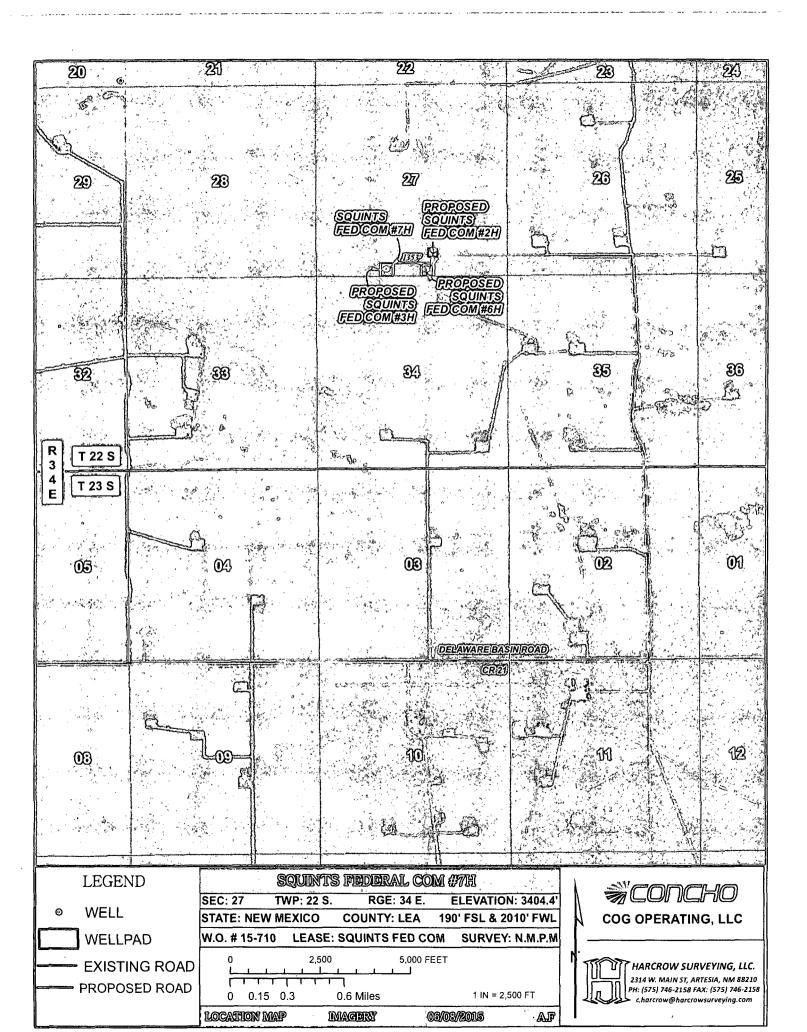
Is this a walking operation? <u>Yes.</u> See CoA Will be pre-setting casing? <u>No.</u> Will well be hydraulically fractured? <u>Yes.</u>

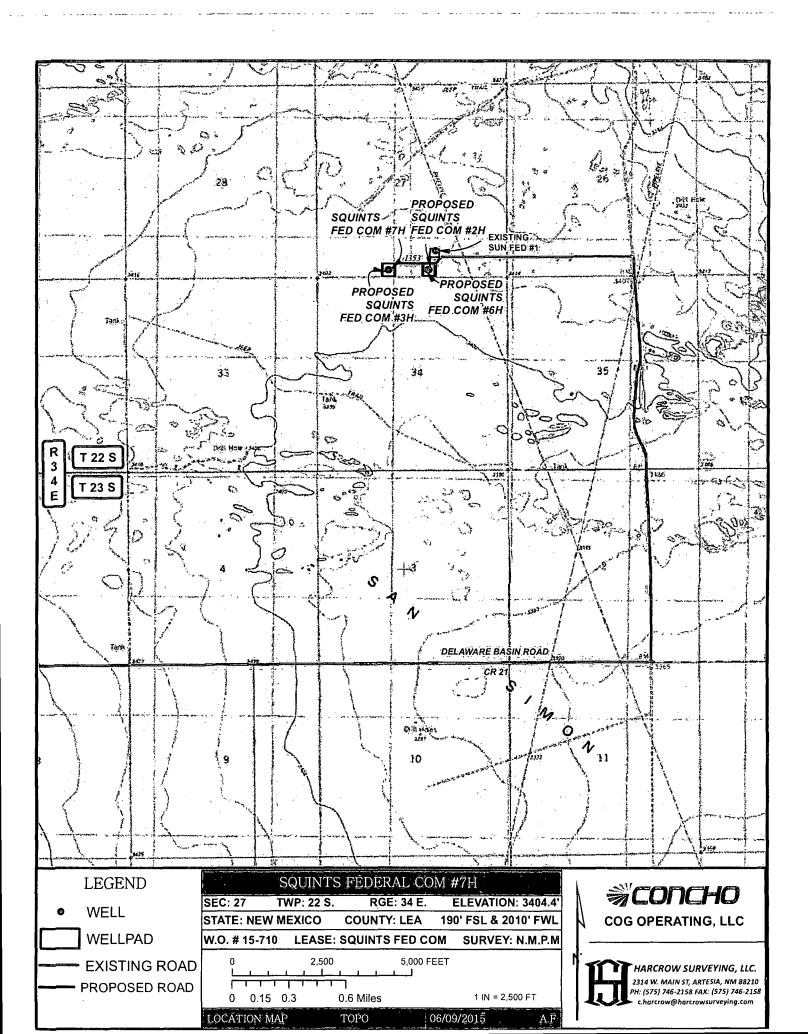
Attachments

- Directional Plan
- Anticollision Report
- BOP & Choke Schematics
- C102 and supporting maps
- Rig plat
- H2S schematic
- H2S contingency plan
- Interim reclamation plat









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LEGEND	SQUINTS MEDERAL COM (177H	
LEGEND WELL	SEC: 27 TWP: 22 S. RGE: 34 E. ELEVATION: 3404.4'	
o WELL	SEC: 27       TWP: 22 S.       RGE: 34 E.       ELEVATION: 3404.4'         STATE: NEW MEXICO       COUNTY: LEA       190' FSL & 2010' FWL         W.O. # 15-710       LEASE: SQUINTS FED COM       SURVEY: N.M.P.M         0       2,500 FEET	
○ WELL WELLPAD	SEC: 27       TWP: 22 S.       RGE: 34 E.       ELEVATION: 3404.4'         STATE: NEW MEXICO       COUNTY: LEA       190' FSL & 2010' FWL         W.O. # 15-710       LEASE: SQUINTS FED COM       SURVEY: N.M.P.M         0       2,500 FEET         1       HARCROW SURVEYING, LL	10 158

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EXHIBIT 2A

4.

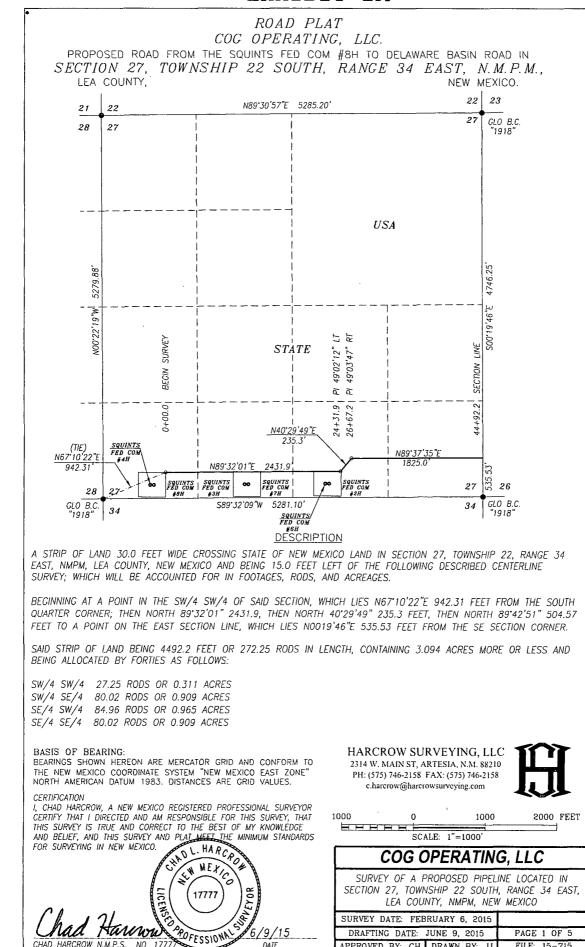
CHAD HARCROW NMPS

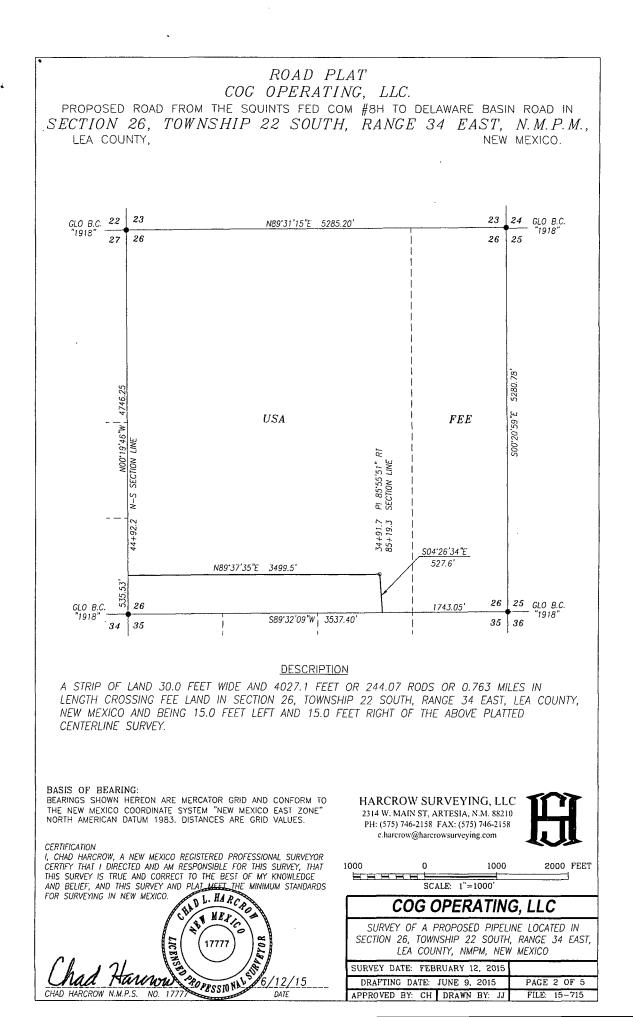
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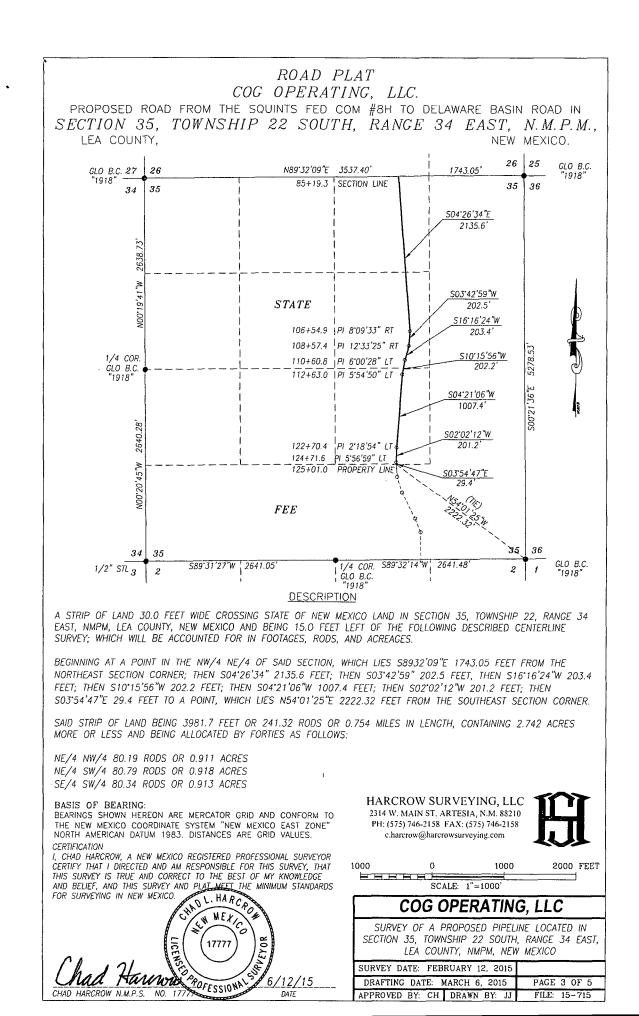
DATE

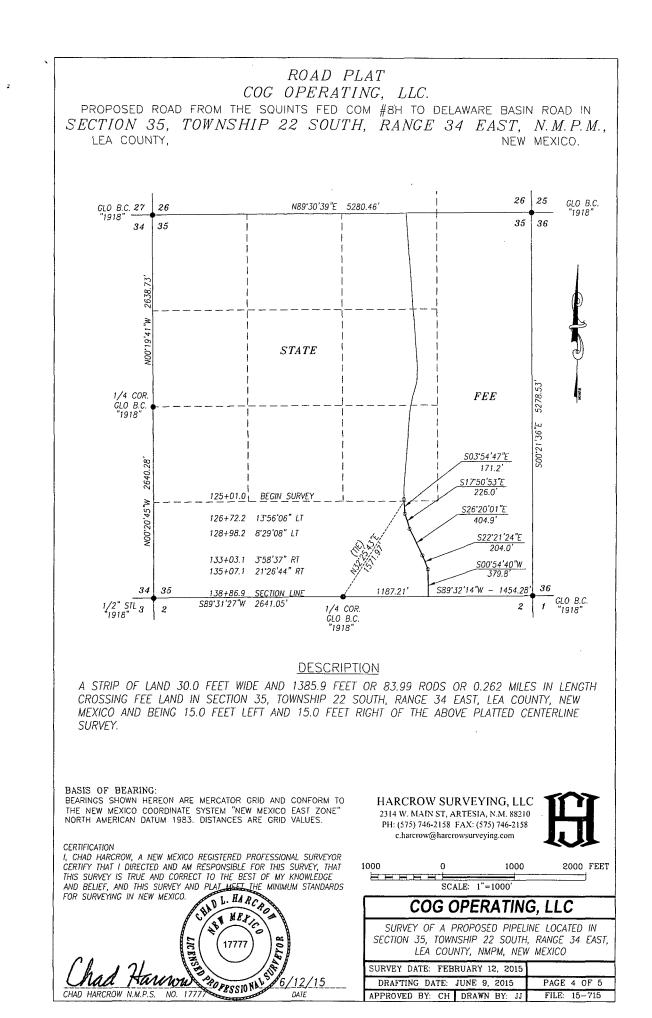
APPROVED BY: CH DRAWN BY: JJ

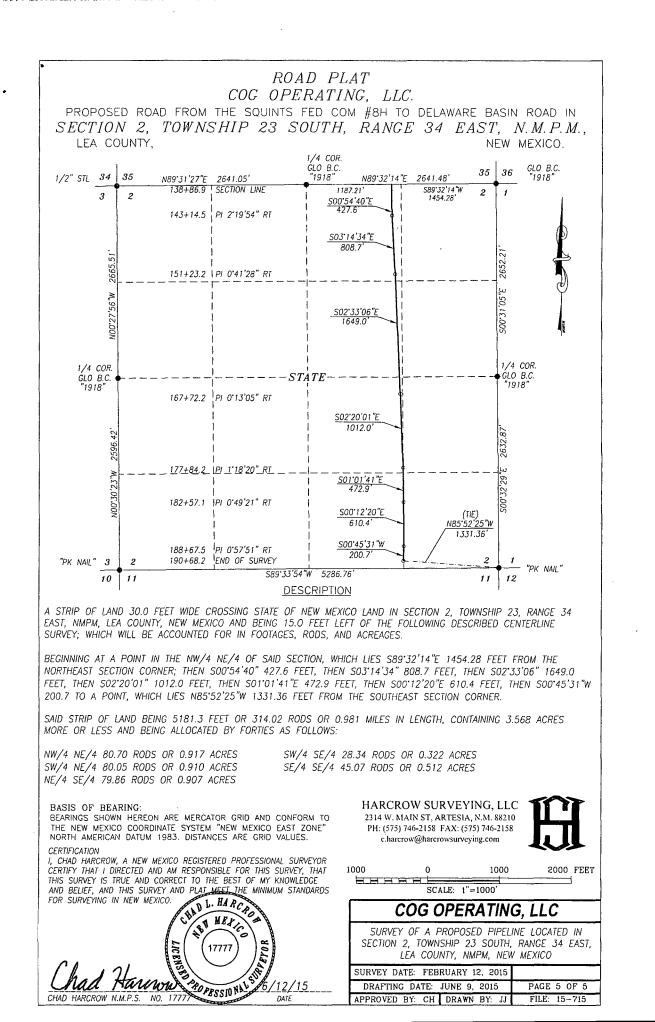
FILE: 15-715

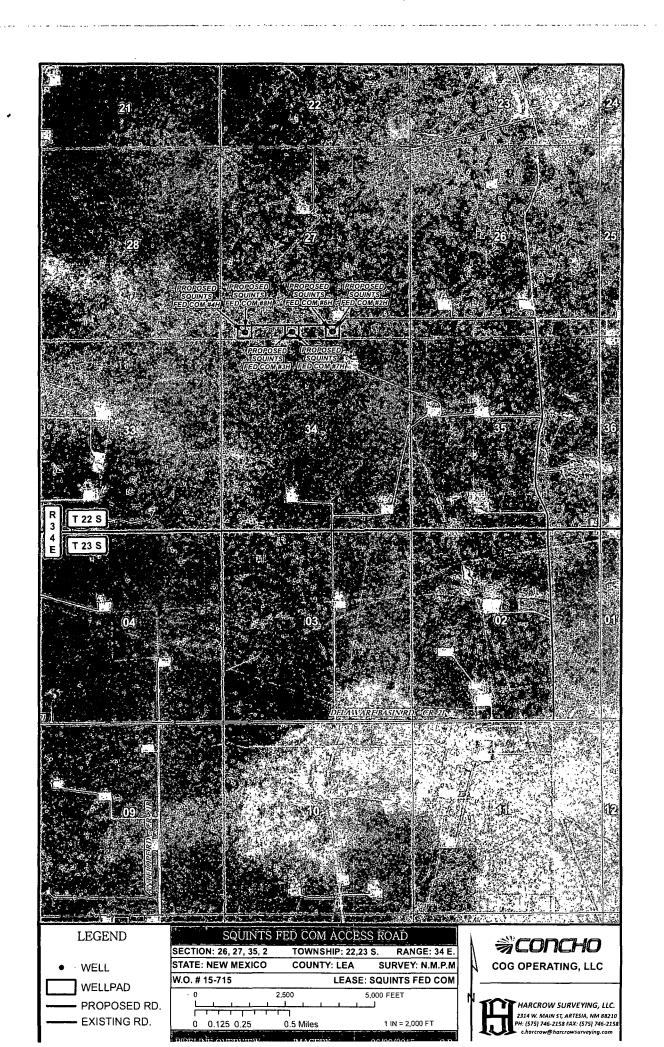


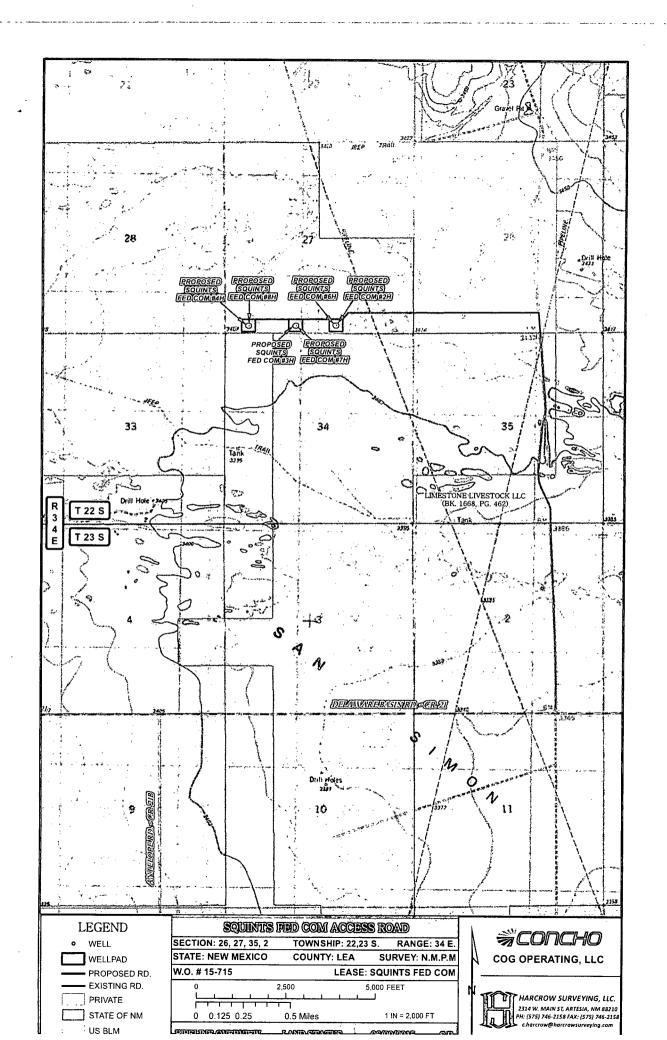






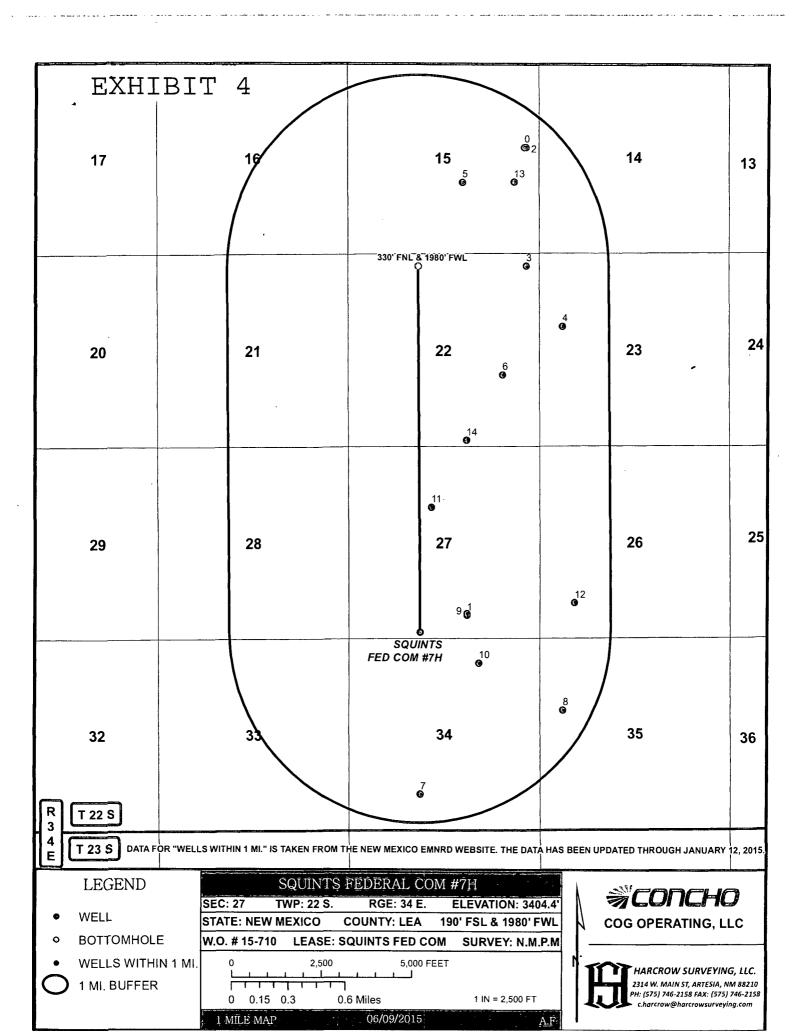






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IVD_DEPTH COMPL_STAT	4053 Plugged	4202 Plugged	690 Plugged	3881 Plugged	14739 Plugged	13575 Plugged	13435 Plugged	13428 Active	12500 Active	12780 Active	13500 Plugged	13530 Plugged	13572 Active	0	0 New (Not drilled or compl)
FTG_EW EW_CD	380 E	1980 E	330 E	330 E	660 W	2080 E	3066	1980 W	660 W	1980 E	1650 E	2310 W	W 066	661 E	1980 E
FTG_NS NS_CD	2340 N	660 S	2340 N	330 N	1980 N	1980 S	1980 S	S 066	1980 N	710 S	660 N	1650 N	S 066	1981 S	185 S
HIF RANGE	34E	34E	34E	34E	34E	34E	34E	34E	34E	34E	34E	34E	34E	34E	34E
CTION TOWNSH	15 22.0S	27 22.0S	15 22.0S	22 22.0S	23 22.0S	15 22.0S	22 22.0S	34 22.0S	35 22.0S	27 22.05	34 22.0S	27 22.0S	26 22.0S	15 22.0S	22 22.0S
API	-103.450437 3002508479	-103.455758 3002508481	-103.450274 3002512566	-103.450303 3002524146	-103.447096 3002524459	-103.45598 3002524780	-103.452478 3002529795	-103.460025 3002530032	-103.44719 3002530128	-103.455757 3002530603	-103.454695 3002530661	-103.45889 3002530687	-103.446089 3002530733	-103.45136 3002538747	-103.455715 3002542288
LATITUDE	32.392497	32.357233	32.392497	32.383521	32.378983	32.38987	32.375364	32.343644	32.349969	32.35737	32.353603	32.365388	32.358133	32.389873	32.370431
WELL_NAME	L B MERCHANT PERMIT 001	SORRELLS 001	L B MERCHANT PERMIT 001	JACQUIE ANN 001	OJO CHISO 001	OJO CHISO UNIT 002	FEDERAL 22 001	MAXUS B 8026 JV-P 002	MADDOX FEDERAL B 8016 JV-P 002	SUN FEDERAL COM 001	MAXUS B 8026 JV-P 003	ANTELOPE FEDERAL COM 001	OJO CHISO FED. 003	FEDERAL 15-43 001I	PERRO LOCO 22 B3OB FEDERAL 001H
OPERATOR	0 MARLAND OIL CO	1 J W SORRELLS	2 MARLAND OIL CO	3 BYRON, MCKNIGHT & NO	4 AMERICAN QUASAR PET	5 AMERICAN QUASAR PET	6 APACHE CORP	7 BTA OIL PRODUCERS, LLC	8 BTA OIL PRODUCERS, LLC	9 COG OPERATING LLC	10 BTA OIL PRODUCERS	11 ORYX ENERGY CO	12 BTA OIL PRODUCERS, LLC	13 PETROGULF CORPORATION	14 MEWBOURNE OIL CO
	WELL_NAME LATITUDE LONGITUDE API SECTION TOWNSHIFRANGE FTG_NS NS_CD FTG_EW	WELL_NAME LATITUDE LONGITUDE API SECTION TOWNSHIFRANGE FTG_NS NS_CD FTG_EW EW_CD L B MERCHANT PERMIT 001 32.392497 -103.450437 3002508479 15 22.05 34E 2340 N 380 E	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIF RANGE         FTG_NS         NS_CD         FTG_EW         EW_CD           LB         MERCHANT         32.392497         -103.450437         3002508479         15         22.05         34E         2340         380         5000000000000000000000000000000000000	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIF RANGE         FTG_N         NS_CD         FTG_EW         W_CD           LB         MERCHANT         001         32.392497         -103.450437         3002508479         15         22.05         34E         2340         380         380         SORRELLS         001         32.357233         -103.455758         3002508481         27         22.05         34E         560         1980         E         1980         E         1980         E         1980         E         1980         E         108.0         E         1980         E         1980         E         103.450274         3002512566         15         22.05         34E         2340         330         E         1980         E         1980         E         1980         E         1980         E         1080         E         1080	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIF RANGE         FTG_N         NS_CD         FTG_EW         W_CD           L B MERCHANT PERMIT         32.392497         -103.450437         3002508479         15         22.0S         34E         2340 N         380 E           SORRELLS 001         32.357233         -103.455758         3002508481         27         22.0S         34E         2340 N         380 E           L B MERCHANT PERMIT         001         32.392497         -103.455758         3002508481         27         22.0S         34E         660 S         1980 E           L B MERCHANT PERMIT         01         32.392497         -103.450274         3002512566         15         22.0S         34E         2340 N         330 E           JACQUIE ANN 001         32.383521         -103.45033         3002524146         22         22         22         22         23         300         330 E	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIF RANGE         FTG_N         NS_CD         FTG_EW         EW_CD           L B MERCHANT PERMIT 001         32.392497         -103.450437         3002508479         15         22.0S         34E         2340 N         380 E           SORRELLS 001         32.357233         -103.455758         3002508481         27         27.0S         34E         2340 N         380 E           J B MERCHANT PERMIT 001         32.332733         -103.455758         3002508481         27         22.0S         34E         660 S         1980 E           J B MERCHANT PERMIT 001         32.3392497         -103.450274         3002512566         15         22.0S         34E         2340 N         330 E           J ACQUIE ANN 001         32.3383521         -103.450303         3002524146         22         22         23         34F         330 F           J ACQUIE ANN 001         32.378983         -103.447096         3002524459         23         22.0S         34E         330 F	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIFRANGE         FIG_N         NS_CD         FIG_EW         EW_CD           L B MERCHANT PERMIT 001         32.392497         -103.450437         3002508479         15         22.05         34E         2340 N         380 E           SORRELLS 001         32.39733         -103.45758         3002508481         27         27         2025         34E         2340 N         380 E           J LA BARCHANT PERMIT 001         32.373347         -103.45774         300251266         15         22.05         34E         2340 N         330 E           J ACQUIE AND         32.378953         -103.45073         3002514166         27         22         22.05         34E         2340 N         330 E           J ACQUIE AND PERMIT 001         32.378953         -103.450503         300254146         22         22.05         34E         330 E           J ACQUIE AND 001         32.378953         -103.47096         3002544166         27         32.05         0         660 X         330 E           J ACQUIE AND 01         32.378953         -103.47096         3002544166         22         22.05         34E         330 E           J ACQUIE AND 01	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIF RANGE         FIG_N         NS_CD         FIG_EW         EW_CD           L B MERCHANT PERMIT 001         32.392497         -103.450437         3002508479         15         22.05         34E         2340 N         380 E           SORRELLS 001         32.392497         -103.45078         3002508431         27         22.05         34E         2340 N         380 E           J L B MERCHANT PERMIT 001         32.33733         -103.455758         3002508431         27         22.05         34E         2340 N         330 E           J L B MERCHANT PERMIT 001         32.332497         -103.45074         300251466         15         22.05         34E         2340 N         330 E           J L CQUIE ANN 001         32.3388351         -103.450503         3002524146         22         22         232         34E         330 N         330 E           J ACQUIE ANN 001         32.3388351         -103.457096         3002524459         23         22         22.05         34E         330 N         500 E           J ACQUIE ANN 001         32.33897         -103.452483         30025247469         23         22         22.05         34E         1980 N<	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIFRANGE         FIG_N         NS_CD         FIG_EW         W_CD           L B MERCHANT PERMIT 001         32.392497         -103.450437         3002508479         15         22.05         34E         2340 N         380 E           SORRELLS 001         32.392497         -103.45078         3002508481         27         27         2.05         34E         2340 N         380 E           JACQUIE ANN DERMIT 001         32.392497         -103.45078         3002508481         27         2.05         34E         2340 N         330 E           JACQUIE ANN 001         32.392497         -103.45078         3002524146         2.7         2.05         34E         2340 N         330 E           JACQUIE ANN 001         32.38887         -103.447096         3002524146         2.2         2.05         34E         1980 N         660 W           JACOD 001         32.38887         -103.45288         3002524459         2.2         2.05         34E         1980 N         660 W           JOJ CHISO 001         32.38887         -103.45288         3002524780         15         2.2.05         34E         1980 N         660 W         900 E      I	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIF RANGE         FTG_N         NS_CD         FTG_EW         W_CD           L B MERCHANT PERMIT 001         32.392497         -103.450437         3002508479         15<22.05	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIF RANGE         FTG_NS         NS_CD         FTG_EW         W_CD           L B MERCHANT PERMIT 001         32.392497         -103.450437         3002508479         15<22.05	WELL_NAME         LATITUDE         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIF RANGE         FIG_NS         NS_CD         FIG_EW         W_CD           L B MERCHANT PERMIT 001         32.392497         -103.450437         3002508479         15         22.05         34E         2340 N         380 E           SORRELLS 001         32.357233         -103.455758         3002508451         27         22.05         34E         2340 N         330 E           VO         JACOUE ANN 001         32.392497         -103.455758         3002508451         27         22.05         34E         2340 N         330 E           VO         JACOUE ANN 001         32.332437         -103.455758         3002524459         22         22         34E         2340 N         330 E           VO         JACOUE ANN 001         32.338937         -103.455048         3002524459         23         22         2340 N         330 E           VET         OLO CHISO UNT 002         32.338937         -103.456038         3002524459         23         22         205 34E         1980 N         660 W           FEDERAL 22 001         32.335544         -103.45603         3025234459         15         22.205         34E         1980 N	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIFRANGE         FIG_NS         NS_CD         FIG_EW         W_CD           LB MIERCHANT PERMIT 001         32.392497         103.45758         302508479         15         2.2.05         34E         2.340         380         5           SORRELLS 001         32.392497         103.45758         302508481         15         2.2.05         34E         2.340         330         5           L B MIERCHANT PERMIT 001         32.392497         103.45758         302550481         27         2.2         34E         2.340         330         E         2340         330         E         232         200         E         E         2340         330         E         230	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIF RANGE         FTG_NS         NS_CD         FTG_EW         W_CL           L B MERCHANT PERMIT O01         32.392497         -103.450437         3005508479         15         22.05         34E         2340         N         380         E           S ORRELLS 001         32.392497         -103.45073         3005508471         15         22.05         34E         2340         N         380         E           J COUCIE ANN 001         32.392497         -103.45073         3005524456         15         22.05         34E         2340         N         330         E           J COUCIE ANN 001         32.39837         -103.45093         3005524456         15         22.05         34E         1980         M         330         E           J COUCIE ANN 001         32.375364         -103.45093         3005524459         22.2105         34E         1980         M         660         W         500         E         000         CHISO MIN         660         W         660	WELL_NAME         LATITUDE         LONGITUDE         API         SECTION         TOWNSHIF RANGE         FIG_NS         NS_CD         FIG_EW         EW_CD           L B MERCHANT PERMIT 001         32.32437         30.2503479         15         22.05         34E         2340 N         380 E           SORRELLS 001         32.337233         103.45033         3025508479         15         22.05         34E         2340 N         330 E           J B MERCHANT PERMIT 001         32.33733         103.45033         302551466         15         22.05         34E         2340 N         330 E           J C HOUCUIE ANN 01         32.338933         103.447096         300251446         15         22.05         34E         1980 N         660 W         330 E           J C C HISO UNIT 002         32.337564         103.452958         3002524789         202524789         22.22.05         34E         1980 N         660 W         330 E           J O C C HISO UNIT 002         32.337564         103.452478         3002524789         202524789         202524789         202524789         202524789         202524789         202524789         202524789         202524789         202524789         202524789         20252478         2025205         34E         1980 N