Submit 1 Copy To Appropriate District						
submit Copy Compropriate District	Śta	ate of New Me	xico		Form C	
District I – (575) 393-6161	Energy, Mi	inerals and Natur	ral Resources	Revised August 1, 2011		
1625 N. French Dr., Hobbs, NM 88240				WELL API NO.		
$\frac{\text{District II}}{\text{Start St}} = (575) 748 - 1283$		ISERVATION	DIVISIÓN	30-015-22101		
District III – (505) 334-6178	1220	South St. Fran	cis Dr	5. Indicate Type of Lease		
1000 Rio Brazos Rd., Aztec, NM 87410	1220	nto Eq. NM 87	505	STATE FEE X		
<u>District IV</u> $-$ (505) 476-3460	36	anta re, mini o/	505	6. State Oil & Gas	s Lease No.	
87505						
SUNDRY NOTICE	ES AND REPO	RTS ON WELLS		7. Lease Name or	Unit Agreement Na	
(DO NOT USE THIS FORM FOR PROPOSAL	LS TO DRILL OR	TO DEEPEN OR PLU	IG BACK TO A	OLD INDIAN DRA	AWUNII	
PROPOSALS.)	I ION FOR PERMI	T (FORM C-101) FC	K SUCH			
1. Type of Well: Oil Well Ga	as Well 🔲 Öt	ther WATER INJI	ECTION	8. Well Number	21	
2. Name of Operator				9. OGRID Numbe	er	
Chevron USA, II	nc.				4323	
3. Address of Operator 15 Smith Road	d Midland, TX '	79705		10. Pool name or	Wildcat	
				INDIAN DRAW; I	DELAWARE	
4. Well Location						
Unit Letter O : 330	0'feet fro	om the South	line and 228	<u>13'</u> feet from	n the East	
Section 7	Towns	ship 22 S Ra	nge 28 E	NMPM	County Eddy	
	11. Elevation /S	Show whether DR,	RKB. RT, GR, etc.	) There	() Barris	
	<u>3094' GR</u>			1970. A. A.		
12. Check App	propriate Bo	x to Indicate N	ature of Notice,	Report or Other	Data	
NOTICE OF INTE	ENTION TO		SUB			
		ANDON X	REMEDIAL WOR		ALTERING CASING	
			COMMENCE DR		P AND A	
		MPL L	CASING/CEMEN	T JOB 🔯		
		<b>r</b> 1				
OTHER:	ed operations	Clearly state all r	OTHER:	d give pertipent date	s including estimat	
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### Old Indian Draw UT # 21 Eddy County NM.

Procedures:

- 1. M.I. R.U. N.D. W.H. N.U. B.O.P.
- 2. Pooh. Tbg. and Pkr.
- 3. Rig up Wireline. Set CIBP. @ 3188'.
- 4. Rih. Tbg. Circulate hole mud laden fluid cap with 25 sx Cmt.
- 5. PUH & Pump 100' Cmt Plug from 2,289' 2,389' (B. Salt @ 2,339')
- 6. PUH & Pump 100' Cmt Plug from 2,379' 2,479' (Delaware @ 2,429')
- 7. Puh. to 1600' Spot 25 sx. Cmt. WOC & Tag Top of Salt @ 393'
- 8. Puh. to 443' spot 55 sx.WOC & Tag.
- 9. Perf. at 60' circulate 20 sx. To surface.
- 10. R.D.M.O.

Reverse # 5 % le Procedures



### Current Wellbore Schematic OLD INDIAN DRAW UT 21(CVX) (890927) CE: CON - CONCHO RESOURCES

WELL (PN): OLD INDIAN DRAW UT 21(CVX) (890927) FIELD OFFICE: CON - CONCHO RESOURCES FIELD: INDIAN DRAW DELAWARE STATE / COUNTY: NEW MEXICO / EDDY LOCATION: SEC 7-22S-28E, 330 FSL & 2283 FEL ROUTE: HOB-NM-ROUTE 18- FERLIN/DAVID ELEVATION: GL: 3,094.0 KB: 3,105.0 KB Height: 11.0 DEPTHS: TD: 3,450.0



FIRST SALES:

Report Printed: 3/13/2013

# **Current Wellbore Schematic**

WELL (PN): OLD INDIAN DRAW UT 21(CVX) (890927) FIELD OFFICE: CON - CONCHO RESOURCES FIELD: INDIAN DRAW DELAWARE STATE / COUNTY: NEW MEXICO / EDDY LOCATION: SEC 7-22S-28E, 330 FSL & 2283 FEL ROUTE: HOB-NM-ROUTE 18- FERLIN/DAVID ELEVATION: GL: 3,094.0 KB: 3,105.0 KB Height: 11.0 DEPTHS: TD: 3,450.0

Original Hole, 3/13/2013 3:35:34 PM Stimulations & Treatments

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Vertical schematic (actual)	Zones	<zone fo<="" th=""><th>rmation?&gt;,</th><th><stage n<="" th=""><th>Number?&gt;, Acidizing, 3/2/1984</th></stage></th></zone>	rmation?>,	<stage n<="" th=""><th>Number?&gt;, Acidizing, 3/2/1984</th></stage>	Number?>, Acidizing, 3/2/1984			
		Min Top Dep Max Btm De Total Clean Avg Treat Pr Q Treat Avg Post ISIP (psi) Comment 3,238.0 3,258.0 34.00						
		<zone formation?="">, <stage number?="">. Acidizing. 6/6/1977</stage></zone>						
		Min Top Dep	Max Btm De To	tal Clean Avg	Treat Pr Q Treat Avg Post ISIP (psi) Comment			
		3,289.0	3,309.0	/1.43				
		AAGII NO	les					
		Date	Schematic	Notes	Com Perf Delaware @ 3 289-309' w/ 2 isof & acdz w/ 3 000 gals 7-			
8 5/8 in: 24.00 lb/ft					104 BOPD & 14 BWPD.			
K-55; 393.0 ftKB 8 5/8" 24# K-55 8 Rd Surf Csg Cmt w/ 300 sx. Circ		3/2/1984	Schematic	Notes	Convert well to an injector. Perf 3,238-58' w/ 4 jspf. Spot 2 bbls acid, PSA 3,100, spot 12 bbls. Acdz close by pass, pmp 34 bbls acid at max inj rate. Set Baker Model A Lok Set inter coated pk, SN & tbg inter coated. PSA 3,151'.			
		3/19/1984	Schematic	Notes	Connect well to inj wtr line & commence injection.			
		3/21/1984	Schematic	Notes	Inj 101 BW in 24 hrs. Inj pmp ran 4.5 hrs.			
		10/31/1984	Schematic	Notes	WO to frac stimulate in effort to incr injectivity. TIH to pin point pkr & acdz @ 3,241 - 306', in 7 stages, 700 gai 15% HCl. Frac dwn tbg w/ total of 10,000 gai 30# 2% KCl w/ 41,000# 12/20 SN. Flush & run after survey. Return to inj. Inj 213 BWPD & TP 52 psi.			
		1/28/1985	Schematic	Notes	WO to establish wtr inj into upper zone. POH w/ tbg & pkr & frac 5,000 gal gel FL w/ 13,000#. Re-run tbg & pkr & return to wtr inj			
Acidizing; 3,238.0-		10/6/1986	Schematic	Notes	RU coil tbg & acdz w/ 1,500 gals 7-½% HCl. Flush acdz w/ 5 bbls 2% KCl. SI fo 2 hrs. Pmp 75,000 SCF N2, circ well for 2.5 hrs. Caught samples until well cleaned up. POH w/ coil tbg & commenced inj.			
3,258.0 ftKB; 3/2/1984 Acidizing; 3,238.0-		8/25/1988	Schematic	Notes	RU coil tbg, jet hole clean, wash perfs w/ 1,000 gal 15% NeFe HCl & acdz perfs w/ 2,000 gals of 15% NeFe HCl @ ½ BPM & jet hole clean.			
3,309.0 ftKB;		2/13/1991	Schematic	Notes	Possible tbg & pkr leak. Pmp 60 bbls pkr fluid. Test OK.			
Acidizing; 3,241.0-		5/22/1992	Schematic	Notes	POH & LD 2-3/8" Duro 20, pmp pkr fluid, RBXIT, PSA @ 3,136'. Tst OK.			
3,306.0 ftKB; 10/31/1984		11/1/2007	Schematic	Notes	ACDZ 3238'-3309' w/ 1500 gal 15% 90/10 Acidtol.			
Acidizing; 3,238.0- 3,309.0 ftKB; 8/25/1988					· · · · · · · · · · · · · · · · · · ·			
Acidizing; 3,238.0- 3,309.0 ftKB; 10/6/1986								
Sand Frac; 3,241.0- 3,306.0 ftKB; 10/31/1984								
Sand Frac; 3,241.0- 3,306.0 ftKB; 1/28/1985								
Acidizing; 3,289.0- 3,309.0 ftKB;	MORRO W, Original Hole							
Plug Back Total Depth; 3,409.0 ftKB 5 1/2 in; 14.00 lb/ft; K-55: 3 450.0 ftKB	Anna an							
5 1/2" 14# & 15.5# ST&C K-55 Prod Csg								
Cmt w/ 600 sx. Circ w/ 50 sx								



API #: 3001522101 Serial #: SPUD DATE: 5/20/1977 RIG RELEASE: FIRST SALES:

### NEW MEXICO OIL CONSERVATION DIVISION DISTRICT 2 OFFICE 811 S. FIRST STREET ARTESIA, NM 88210 (575)748-1283

# **CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT**

Operator	: Cheve	<u>,0h</u>				
Well Nan	ne & Number:	Old	Indian	Draw	Unt	#21
API #:	30-015	-221	01			

- 1. Produced water <u>will not</u> be used during any part of the plugging & abandonment operation.
- 2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
- **3.** Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
- 4. Trucking companies being used to haul oilfield waste fluids to a disposal commercial or private.– shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
- 5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
- 6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
- 7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
- 8. Cement Retainers may not be used.

9. Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.
10. Plugs may be combined after consulting with and getting approval from NMOCD.
11. Minimum WOC time for tag plugs will be 4 Hrs.

DATE: March 18 -2013

APPROVED BY. R. Dode

## GUIDELINES FOR PLUGGING AND ABANDONMENT

#### DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
  - o Fusselman
  - o Devonian
  - o Morrow
  - o Wolfcamp
  - o Bone Spring
  - o Delaware
  - Any Salt Section (Plug at top and bottom)
  - o Abo
  - o Glorieta
  - Yates (this plus is usually at base of salt section)
- If cement does not exist behind casing strings at recommended formation depths, the casing
  must be cut and pulled with plugs set at these depths or casing must be perforated and cement
  squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section.
   Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).