<u>District I</u>

1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210

Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 **HOBBS OCD**

State of New Mexico

Form C-101 Revised November 14, 2012

Energy Minerals and Natural Resources

NOV 1 3 2013

Oil Conservation Division

☐AMENDED REPORT

RECEIVED

1220 South St. Francis Dr. Santa Fe, NM 87505

APPLI	CATIO	ON FO					RE-EN	ITER, DI	EEPEN	, PL	U GBAC				Æ
Conoco	Phillips (Compar	. Ор 1у	erator Name	and Add	ress						² OGRIE 217817		er	
P. O. Bo Midland	ox 51810 l, TX 79	710											Number		
** Prope	erty Code		H	ardy 36 Sta	ate	J. j	Property N	lame				023-32	0.00 0.1	ell No.	
	 			urdy 50 St		7. Sur	face Lo	cation							
UL - Lot	Section	Townsl	hip	Range	Lo	t Idn	Feet fro		I/S Line	F	eet From	E/W I	Line	Cou	nty
K	36	20S	37E	Ξ	<u> </u>		1980	Sout		2230		West		Lea	
		1	 	D-				n Hole Loc			Fire	EAVI			
UL - Lot	Section	Towns	nip	Range	Lo	t Idn	Feet fro	om N	/S Line	F	eet From	E/W I	Line	Cou	inty
		<u> </u>			l	9. Poc	ol Inform								
Skaggs; Ab	o South					Pool N		Hation						Pool 56650	Code
					A	dditiona	l Well I	nformation	, 1						
" Work Type 12. Well Type recomplete/PB Oil			Well Type	Rotary					14. Lease Type		^{15.} Ground Level Elevation 3489' GL			ation	
16. Multiple 17. Proposed Depth				18. Formation					19. Contractor		^{20.} Spud Date				
Depth to Ground water Dista				Skaggs Abo South nce from nearest fresh water well				Distance to nearest surface water				<u> </u>			
					Propo	sed Casi	ing and	Cement Pr	ogram						
Туре	Hol	le Size	Cas	sing Size	T	asing Weig			g Depth		Sacks of C	Cement		Estimated	тос
surf	17 1/2	2"	13 3/8	"	61#			533'		on	record		0		
Interm	12 1/4	4"	9.63"		40#			3900'		on	record		0		
prod .	prod 8 3/4" 7"		7"		26#		on record		record	d 9756'					
		DI						Additional C		ts			·		
cmt progran	on file.	Please	see atta	ached proc	edure	& currer	it/propo	sed schema	tic						
				22.	Propo	sed Blov	vout Pr	evention Pr	rogram						
Туре			V	Working Pressure		Test Press		ssure		Manufacturer					
	_							<u> </u>							
21															
^{23.} I hereby ce best of my kn	owledge ar	nd belief.							OIL	CON	ISERVAT	TION D	IVISI	ON	
I further cert 19.15.14:9 (B Signature:				th 19.15.14.9	9 (A) NI	MAC 🔲 a	ind/or	Approved B	y:		no de la companya della companya della companya de la companya della companya del	_			
Printed name: Rhonda Rogers					Title: Petroleum Engineer										
Title: Staff F	Regulator	ry Tech	nician					Approved D	ate:		E	epiration I	Date:		
E-mail Addre	ss: rogeri	rs@con	ocophil	lips.com					DEC	0 2	2013	·			
Date: 11/11/2013 Phone: (432)688-0174					Conditions of Approval Attached										





NOV 1 3 2013

RECEIVED

Hardy 36 Ste # 1 API #30-025-32128 Recompletion/Plug back. Lea County, New Mexico

During a remedial operation back in **July 2012** some problems were encountered and in order to help understand the magnitude of the problem and solution the following summary is presented:

From the reports:

7/11/2012 DTL.JSA GO CARD. RU HOT OILER. PUMPED 70BBLS HOT WATER TREATED WITH 2.5 GALLON WRH/211, 5 GALLONS M153, 1.5 GALLONS OF BIOCIDE. RD HOT OILER. RU SCANALOG. POOH SCANNING TBG. HAD 287 YELLOW. 10 BLUE. 23 GREEN. 1 RED. (HOLE IN 255 JT FROM SERVICE. 8,037 FT FROM SURFACE) RD SCANALOG TUBG TESTERS. RU TUBG TESTERS. PU 6 1/8" BIT AND 7" CASING SCRAPER. TEST TBG TO 5000# BELOW SLIPS TO 3250" SION.

7/12/2012 DTL. JSA AND GO CARD. RIH TESTING TBG TO 5000# BELOW SLIPS. <u>TAGGED UP</u> <u>WITH BIT @ 8,003"</u> ATTEMPTED TO WORK THROUGH TIGHT SPOT WITH TBG TONGS. COULD NOT MAKE ANY HOLE. POOH WITH 2000' OF TBG. FINISHED TESTING IN HOLE WITH REMAINDER OF TBG. POOH WITH BIT AND SCRAPER TO 2600'. SION

7/13/2012 DTL, HELD JSA GO-CARD. POH W/ TBG AND CASING SCRAPPER. P/U 6-1/8" BOTTOM HOLE TAPERED MILL, 4-3/4" JARS, 6-4-3/4" DRILL COLLARS, TIH ON 2-7/8" TBG, TAG AT 7997. P/U POWER SWIVEL, N/U STRIPPER HEAD. BREAK CIRCULATION, MAKE 1.5 FTTO 7998.5 CIRCULATE CLEAN. PULL ABOVE TIGHT SPOT. SIOWE.

7/16/2012 CREW TO SAFETY STAND-DOWN, DTL, HELD JSA GO-CARD. POH W/TBG, DRILL COLLARS AND MILL. <u>MILL SHOWED SOME WEAR ON VERY END AND 15" UP ON O.D. OF MILL SHOWED WEAR PATTERN OF 5-5/8" O.D.</u> CALL IN FOR ORDERS. RIH W/ DRILL COLLARS AND LAY DOWN SAME. RIH WITH KILL STRING TO 2000'.

As seen above the problem at first seemed to be a tight spot around 8003' which according to the History of the well is where the DV tool was located during the primary cementing operation. This was first identified as tight spot back in 1/12/94 as possible source of leaking but it was later dismissed. Last year during the remedial operation in 7/2012 it was aggravated by the milling operation carried on during the job (According to wear pattern observed on mill).

In order to better assess the problem and thoroughly study the alternatives for a possible fix it was decided then to run a Downhole camera on 4/10/2013:

From the reports:

4/10/2013 DTL CONDUCT JSA AND GO CARD MEETING SICP 0 PSI SITP 0 PSI OPEN WELL TOOH W/TBG, SCRAPER, AND BIT TIH OPEN ENDED EOT @ 8000' CIRCULATE 200 BBLS OF FRESH WATER RU WIRELINE TRUCK TIH W/DOWN HOLE VIDEO CAMERA INSPECT CSG FROM 8000' DOWN TO 8009' PULL TBG TO 7994' COULD NOT GET CAMERA TO WORK RUN TBG BACK TO 8000' CAMERS STILL NOT WORKING TOOH W/CAMERA LENS OVER LIGHT BROKEN LIGHT SHORTED OUT RD WIRELINE TRUCK SWION

The video assessment showed a poor integrity of the casing at the 8000 ft. mark and below, which in turn will prevent any operation deeper than this point as seen in the some of the remarks of past operations.

Conclusion and Recommendation:

New potential intervals have been identified up hole (ABO @ $6950^{\circ} - 7130^{\circ}$) and it is our intention to explore these intervals . However, being Conoco Phillips a responsible operator we want to meticulously guarantee that we are giving our best effort to remediate the situation and abandon the wellbore below 8000°. All the facts exposed above and the evident amount of resources and time invested on this well we think reflect that. It is why we put to your consideration the following plan to abandon the wellbore below **8000°** and recomplete the upper zones. Here a brief summary:

- 1. Run with a packer to 7900'. Pump 560 sacks of class H cement (16.4 # /gal) in an effort to cap the Bridge Plug set @10'130 and isolate the Simpson McKee perforations.
- 2. Set a Bridge Plug @ 7780' capped with 35ft of class C cement.
- 3. Set a Bridge Plug @ 7500' capped with 35ft of class C cement.
- 4. Perf and Complete the ABO Intervals 6950-6990 7070-7130 by acid fracturing.

WELL CATEGORY, BOP CLASS AND EXCEPTIONS

Well Category One:

H2S:

0 ppm.

Well Rate:

H2S

ROE-ft.

100 ppm

0

500 ppm

0

BOPE Class One: Hydraulic BOP w/ hydril.

PROCEDURE

1. MI & RU well service unit. The following is a summary of current well configuration:

Hardy 36 Ste 1 (API: 30-025-32128)			
1980 FSL & 2230 FWL, 36-20S-37E			
Elev.: 3500 KB; 3489 GL (DF - GL: 11 ft.)	Depth	: RKB	
	top	btm	
9-5/8", 40#, K-55 (12-1/4" hole)	surface	3900	11.24.93: Cmt w/ 833 sx. Circulated cmt to surface.
7", 26# , L80 (8-3/4"" hole)	surface	10625	12.16.93: Cmt w/ 926 sx. Reported TOC: 1613
			03.14.1994: Sqzed perforations 6705-6746
Completion Interval:			
Perforated Interval	7562	7706	04.15.98: Perforate Strawn@ 1 spf.
RBP	7760	7770	07.18.2012
Perforated Interval	9940	10006	03.14.94: Perforate Mckee @ 1 spf
CIBP	10130	10135	03.20.1996
Perforated Interval	10165	10480	02.13.09: Perforate Ellenburger @ 1spf

- 2. ND Wellhead. NU 7 1/16" with 3 ½ "pipes rams and blinds "10K BOPS. Rig down floor and tongs. RU Scanning services.
- 3. PU & RIH with 6-1/8" bit, 4: 3-1/2" DC and casing Scrapper on WS. Clean out to PBTD @ 7500.

- **4.** POOH with Bit, DC and Casing Scrapper on WS. PU & RIH with Retrieving tool on WS. Release and pull out of hole with 7" RBP set @ 7500' on WS. Verify well is still dead.
- 5. RIH with retrieving tool on WS. Release and pull out of hole with 7" RBP set @ 7780' on WS. Monitor backside pressure and if needed have ready 10 # brine in case of pressure swabbing when pulling with RBP out of hole.
- 6. RIH with WS open ended. Try to tag obstruction @ 8003'. If possible get past obstruction and record tagging depth. RBP @ 10'130. If a tagging of the RBP is possible dump 25 sxs of class H cement. Balance Plug considerations: Displace the 25 sxs of cement with 11 bbls of water. Height of plug: 604'. Top of plug depth 9526'. Thickening time @ depth: 90 Minutes.
- 7. POOH with WS.PU & RIH with cement retainer on WS. Set cement retainer @ 7950'. Pump 560 class H cement (16.4 ppg). Sting out of retainer and circulate wellbore clean. POOH with WS. PU & RIH with 6 1/8" bit, 3 4 ¼ DC on WS. Drill out Cement Retainer. Tagging might be required to assess cement final depth. Communicate results to Libardo Gonzalez 432 202 8536
- **8.** RIH w/ tbg & CIBP-1. Set CIBP-1 @ 7880. POOH w/ tbg. Spot 35 ft. of cement on top of CIBP (if dump bailer is to be used tag cement cap afterwards). Test plug to 500 #.
- 9. TIH with open ended tubing. Fill hole with 6 bbl of 14.8 ppg mud up to 7706'. POOH.
- **10.** RIH w/ tbg & CIBP-2. Set CIBP-2 @ 7500. POOH w/ tbg. Spot 35 ft. of cement on top of CIBP (if dump bailer is to be used tag cement cap afterwards). Test plug to 500 #.
- **11.** MI-RU Apollo perforating services with hydraulic pack off (or full lubricator, shop tested to 3,000 psig, if needed).
- **12.** PU GR/CCL tool and Composite Bridge Plug (CBP). RIH and set CBP @ 7250' RKB. POOH.
- 13. Note: Correlate depth control to <u>Schlumberger Cement Bond Variable Density Log</u> dated 01.13.94

Collars Depth	Length
6820	
6863	43
6909	46
6953	44
6995	42
7041	46
7088	47
7134	46
7180	46
7224	44
7269	45

14. PU-RIH to perforate using TITAN (or equivalent) 3-1/8" guns with deep penetrating charges (0.40" EH, 40.8") loaded @ 2 SPF on 60 degree phasing. Perforate the casing from the bottom up as follows:

Formation	Perf Top	Perf Bottom	Interval	SPF	Total Shots
ABO	6950	6990	40	2	80
ABO	7070	7130	60	2	120
TOTAL			100		200

- 15. PU 7 "treating packer. RIH with Packer on WS. Set PKR @ 7020.
- 16. ND BOPE and NU 10k psi Frac Stack.
- 17. Bring adequate horsepower to accomplish up to 20 bpm @ 6,000 psi. An acid ball-out will be part of the procedure, so a remote ball launcher and N2 operated relief valve are required. Place a pressure gauge on the tubing-casing backside and monitor 3 ½" x 7" backside pressures throughout job.
- **18.** MI-RU Acid service provider to treat the first set of ABO perforations (7070-7130) w/ a total of 8,000 gallons 15% NEFE-HCL (double inhibited) acid as follows:

Acidize ABO perforations (7070'- 7130') as follows:

- i. Establish injection rate and pressure.
- ii. Monitor $3\frac{1}{2}$ " x 7" annulus looking for signs of communication
- iii. Pump inhibited 2% KCL water to break down perforations (record rate & pressure which must adequate to support dropping ball sealers)
- iv. Pump a minimum of 100 bbl inhibited 2% KCL water pad.

Acid blend (Gelled Acid) - 8,000 gallons (~190 bbls) of 20% NE Fe HCL, non-emulsifier, iron reducer, and corrosion inhibitor (double inhibited)
Pump 50 bbl. acid @ at rate > 10 BPM (record pressure and rate)
Drop 30 - 5/8" RCN balls every 50 bbls of ACID.
a total of 90 RCN balls will be used. Flush to packer with Water (+/- 61 bbls)

- 19. ND frac stak and NU BOPE.
- 20. Confirm / release any remaining pressure on work string, then release treating packer. POOH with packer on WS. Monitor casing pressure for surge in pressure when pulling packer.
- 21. PU CBP. RIH with CBP and packer on WS. Set CBP @ 7020' and packer @ 6900'.
- 22. ND BOP. NU Frac Stack.

Acidize ABO perforations (6950'- 6990') as follows:

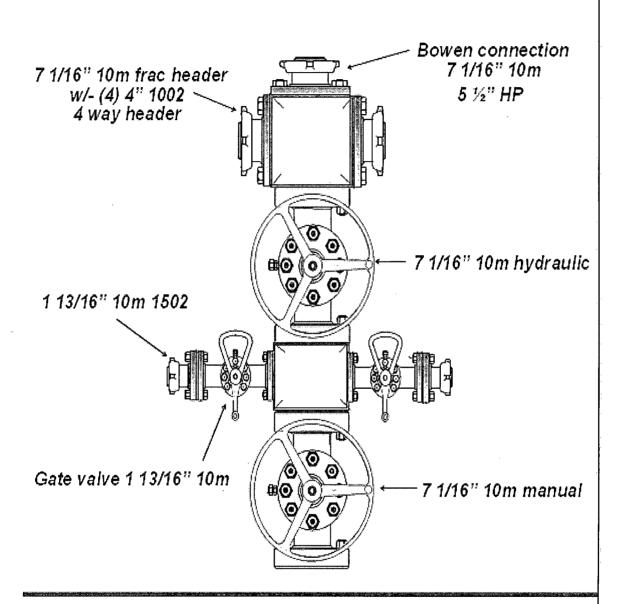
- i. Establish injection rate and pressure.
- ii. Monitor 3½" x 7" annulus looking for signs of communication
- iii. Pump inhibited 2% KCL water to break down perforations (record rate & pressure which must adequate to support dropping ball sealers)
- iv. Pump a minimum of 50 bbl inhibited 2% KCL water pad.

Acid blend (Gelled Acid) - 6,000 gallons (~143 bbl.) of 20% NE Fe HCL, non-emulsifier, iron reducer, and corrosion inhibitor (double inhibited)
Pump 50 bbl. acid @ at rate > 10 BPM (record pressure and rate)
Drop 30 - 5/8" RCN balls every 50 bbls of ACID.
a total of 60 RCN balls will be used. Flush to packer with Water (+/- 60 bbls)

- 23. RDMO Service Company. Allow Acid to spend on perforations for at least 4 hrs.
- 24. ND frac stack and NU BOPE.
- 25. Confirm / release any remaining pressure on work string, then release treating packer. POOH with packer on WS. Monitor casing pressure for surge in pressure when pulling packer.
- 26. POOH with Packer on WS.
- 27. PU & RIH with 6-1/8" bit, 4: 3-1/2" DC and casing Scrapper on WS.Drill out CBP's set @ 7020'. Clean out to 7200'.POOH with bit and DC. LD bit, DC and WS.
- **28.** PU-RIH w/ 2 7/8" (4.7#/ft, L-80) production tubing. Hydro-test production tubing, below slips to 5000 psi. Set landing nipple @ 7150'.
- 29. ND BOP.NU WH. RIH with pump and rods as per consigned in WELLVIEW prepull attached below.
- **30.** Space pump, hang well, load tubing and check pump action. RDMO. Handover to Operations.
- **31.** Clean up location; remove produced liquids, trash, and debris.

Attachments:

COPC 7 1/16" 10m frac stack



Need complete accumulator set up for hydraulic valve Crane truck and torque wrenches Need to have available: 4" 1002 back to 3" 1502 connections

Current Well Schematics.

Hardy 36 St #1				
API # 30-025-32128				
Sec 36, T 208, R37E, LEA Cou	nty , HM			
Ground Elevation: 3288 KB Cast 13 3/8" St&C, K55 Set @ 533" H	RT Elevation: 3300		1	3
Cas	Formation	Tops	Comments! Problems drilling	
13 208" SIXC 1/55 Set (0) 533"	Hole size: 17 1/2" , Cemented w525 sks of Class	Rustler	1295	
H 10 300 300 500 500 500 500 500 500 500 50	ement, Too @ SURF	Top Salt	1390	The state of the s
	chick, 100 @ born	Bottom Salt	2510	AND THE PROPERTY WAS TO SEE THE PROPERTY OF TH
	2.114" Cak @ 2000 Camanada dib 1000 Cha af	Yates	2720	THE CONTRACT OF A CONTRACT OF THE POINT OF THE POINT CONTRACT OF THE POINT OF THE P
- 「	12 1/4" , Set @ 3900, Cernented with 1890 Sks of at 13.2 ppg . circulated to Surface	Seven Rivers	2980	
class C ceme 7*, 26.5# I80, Hole Size 8 3/4	it 13.2 ppg - Circulated to Surrace		***	Active Vaterflood Eumont
, Eccordo, Hote Cizes Off	, Set @ 10625, Cemented 1st stage : Lead w <i>i 4</i> 50	Queen	3520	Active Ageinon Equinit
2V2 LI CALIBAIC I die 200 2V	H. cement Partial Returns Lost total Circ	Grayburg	3785	. Partier of photosische with material photosis in this contemption of photosis process and the second photosis in
	pping bomb on DY tool.	San Andres	4095	and tagas and a grant trages, and the states of 1866 and the appearance of 1869 and bedefore the states
	s of H ceat Cement. Tail: 100 sks of H cement	Glorieta	5185	, related to the control of the first are administrated by the control of the con
TOC	D 1630 by TS 3.15.94	Blinebrg	5796	or Min total account contract on a source of months or demandation accounts an extension
	TOTAL PROGRAM AND THE PROGRAM AND A SHARE	Tubb	6310	ле палежен в регользона и летом подаванием перенения и продавания прида принед принед подавания в достуга принед п
	no transferior at the conference to the contract of the contra	Abo	6990	Charles a transfer from the control of the control
Drinkard Formation		Strawn	7670	
6705-6710 @ 2 spf 10:18	94	Devonian	8225	Circulation Losses/ Natural Fracture
6713-6718 @ 2 spf 10.18		Simpson	9640	
6720-6724 @ 2 Spf 10.10	~~~~~ SuzeurApanuoneu 1,3,33	Mckee	9940	
6740-6746 @ 2 Spf 10.18		Ellenburger	10180	Circulation Losses/ Natural Fracture
	i i	Granite Wash	10400	diginal military manahasanan sampan samatanan pamahasangahasanan papagan diginangan papagan pangangan papagan
			1	
Temporary set RBP @	503 04.1L13			
Strawn Formation				ments about an income and comment of a comment of the comment of the company of the comment of t
7562-7570 @ 2 spf 4.15	18			de esta esta como mor menero — esta consequiencia de consequiencia de consequiencia de consequiencia de consequiencia de la consequiencia de consequiencia del consequiencia de
7626-7664 @ 2 spf 4.15		er a figir a militar de maria na maria maria maria manghaman ang kanana na sa a a a a a a a a a a a a a a		a committee formation and reductive determination of the contractive for the contractive for the committee for the contractive
7700-7706 @ 2 spf 4.15		APPENDED TO THE OWN PROPERTY OF THE PARTY OF		
11001100925911.0	N GORITH HOWID			Annual Security and the form of the first state of the security of the securit
	200 4 44 49			
Temporary set RBP @ 7	780 4.11.13			
Casing Collpased @ 800	Minara Maria and a salar a			THE THE PART OF THE PROPERTY OF THE PART O
and the second s	3'/ Dv tool (Weatherford)		•	Professional Control of the Selection of the Control of the Control of Contro
tight spot tagged also in 1.12.9	Beinderheimentigermit Schliebendenligsburscheidermit zugegeschsen zu der zu der zestenen zugewahrt.			er in enn pe kjenn hindren enn prospresserskernesneskernesnesk i sekrivesi og ig sjuriski.
Ran Downhole Camera on 4.1	l.2013 			edina er rindræder, rærikrær urkæpæt erænejæ <mark>n medel</mark> kapæmenet ermonet erukke, _e ur jæng, er
	other-recenteegendamiterints. Annuschage resonandertamen aufgeste beginne view viewalistisse.			promoted distribution. We have because of the distribution of the construction of the
Simpson/Mckee Format	On			
10030-10070 @ spf 3.21.96				
10165-10195 @ 2 spf 2.17.94				
10211-10218 @ 2 spf 2.17.94				
10225-10285@ 2 spf 2.17.94	Isolated			
				To the All Control of the Control of
CIBP @ 10130' 3.20.96		1	1	Committee in the control of the cont
Ellenburger Formation				of the manufacture of the state
10350-10366 @ 2spf 1,17.94		and the the region half and another incidencies of probability performed on the specimens of the consequence of the		
10399-10405 @ 2 spf		Fig. 16 September 2 September 20 September 2		
10419-10436 @ 2spf	solated			eri e e e e e e e e e e e e e e e e e e
	l l		oral promise substantial extension and a	er tred tretteren er herte i i i stelleg i stelledelsete destinde <mark>stelle en mentendelsetelle</mark> n er stellegen i i i inte
	•••••••••••••••••••••••••••••••••••••••	·		
		 	_	
Cement Retainer @ 10443 (N	t Hetrieved] 2.15.94			en de forme de receix au como receix en encontra de encontractor de como entractor de accepta an las properties de como
Granite Vash Formation			and a fine of a shareholder subsequently to the subsequence of the state of the sta	
	•	1		
	Abandoned/Sqzedwith 35 sxs of		AND THE RESERVE AND ADDRESS OF THE PARTY OF	
10450-10490 @ 2spf 1.17.		***************************************		en en de mende en menement alle meter se et anne en de persona en acción a verción de acción de acción de acción de

Proposed Well Schematics

Hardy 36 St #1			
API # 30-025-32128		T	Separation of the page 1 for the second seco
Sec 36, T 20S, R37E, LEA County , NM	***************************************		The company of the co
Ground Elevation: 3288 KB/RT Elevation: 3300		•	
	Formation	Tops	Comments/ Problems drilling
	Rustler	1295	i
	Top Salt	1390	
	Bottom Salt	2510	The contract and the contract contract the contract of the con
	Yates	2720	WELL THREE THE CANDEL WHEN AND ADDRESS OF THE CONTRACT WHEN AND ADDRESS OF THE CONTRACT CONTR
	Seven Rivers	2980	
	Queen		Active Waterflood Eumont
	Grayburg	3785	- NAME OF STREET STREET, STREE
	San Andres	4095	The state of the s
	Glorieta	5185	
	Blinebry	5796	
	Tubb	6310	Aspectation and a contract and a con
	Abo	6990	
Drinkard Perforations Sqzed & Abandoned 1.3.95	Strawn	7670	Control of the Contro
	Devonian	8225	Circulation Losses/ Natural Fractur
The state of the s	Simpson	9640	
ABO Perforations Proposed (6950-6990, 7070-7130) @ 2 SPF	Mckee	9940	Section of the sectio
Acid fracture Abo with 20 % NEFE gelled Acid.	Ellenburger	10180	Circulation Losses/ Natural Fractur
	Granite Wash	10400	And repairmed and control of the proper to the properties the properties of the prop
BP Above Strawn @ 7503 capped with 35 ft of Class C ceme			
Strawn Formation. OPEN			
	1. 10 15% (-4.7)	PROPOSED	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Current	
BP @ 7880 capped with 35 ft of Class C cement			Express was required to the season to review the season to
		ļ	
Casing Collpased @ 8003'! Dv tool (Veatherford)		ļ	
tight spot tagged also in 1.12.94			
Ran Downhole Camera on 4.10.2013		·	
		ļ	and a second
??? Planned to fill with cement . Tag Depth will be required showing good faith		 	
		ļ	
Simpson/Mckee Formation, OP		 	
╼┼┼┼┦╻╬╬╬╻╎┼┼┤┼╾╌┝╴╾╌┤╾╼┽╾╌┼╌╌╌┼╌╌╌┼╌		 	
╼┾┼┼╏╻			
╌╆╌┼╀╶┦╏┈╏╟┈╟╏┈┤┼┼┼┼╾╾╌╾┸╾╾╌┵╼╼╌┵		 	
CIBP @ 10130* 3.20.96		 	
Ellenburger Formation		+	
		†	
	2000 - 20		rigunary formation represents and a size of the constitution of th
	erio empre de minima de la composição de l	1	of personal extension in the personal contribution of the money and the personal and the contribution of t
		-	n fear malle in the store Control of A. Anther, represent the constituent from the store of the store store store store at the store of
		 	
		1	
Cement Retainer @ 104431 filet Retrieved 2 15 94			
Cement Retainer @ 10443 (Not Retrieved) 2.15.94	A Navi A T. A T. STORMAN AND THE SECOND STATE OF THE SECOND STATE OF THE SECOND		1
Cement Retainer @ 10443 (Not Retrieved) 2.15.94 Granite Vash Formation			