



KANSAS CORPORATION COMMISSION 1060193
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31819
Name: Cholla Production, LLC
Address 1: 7851 S ELATI ST STE 201
Address 2: _____
City: LITTLETON State: CO Zip: 80120 + 8081
Contact Person: Emily Hundley-Goff
Phone: (303) 623-4565
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Bill Goff
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: Cholla Production, LLC

Well Name: Kyte-Jording 4-14 OWWO

Original Comp. Date: 03/31/2011 Original Total Depth: 4080

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

03/29/2011	03/30/2011	06/24/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-039-20963-00-01

Spot Description: _____

W2 SE Sec. 14 Twp. 2 S. R. 30 East West

1325 Feet from North / South Line of Section

1976 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Decatur

Lease Name: Kyte-Jording Well #: 4-14 OWWO

Field Name: Jording

Producing Formation: Lansing

Elevation: Ground: 2831 Kelly Bushing: 2836

Total Depth: 4080 Plug Back Total Depth: 4069

Amount of Surface Pipe Set and Cemented at: 309 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2583 Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 6600 ppm Fluid volume: 700 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter: _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received

Date: _____

- Confidential Release Date: _____

- Wireline Log Received

- Geologist Report Received

- UIC Distribution

ALT I II III Approved by: Deanna Gantsoor Date: 10/12/2011



1060193

Operator Name: Cholla Production, LLC Lease Name: Kyte-Jording Well #: 4-14 OWWO
 Sec. 14 Twp. 2 S. R. 30 East West County: Decatur

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Lansing</td> <td>3819</td> <td>-981</td> </tr> </table>	Name	Top	Datum	Lansing	3819	-981
Name	Top	Datum					
Lansing	3819	-981					

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	309	SMD	210	
Production	7.875	4.5	11.6	4078	SMD	120	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2583-2583	SMD	320	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3971-76	400 gal 15% MCA Acid	3971-76

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>3974</u>	Packer At: <u>3942</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>09/12/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) <u>SWD-permit approved 8/17/11</u>		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3971-76 Injection zone</u>
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JOB LOG

SWIFT Services, Inc.

DATE 03-30-11 PAGE NO. 1

CUSTOMER
CHOULA PRODUCTION

WELL NO.
4-14 OJWD

LEASE
Kyle-Jobine

JOB TYPE
2 STAGE

TICKET NO.
19633

CHART NO.	TIME	RATE (BPM)	VOLUME (GALLONS)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1230							OPERATION CMT: Bottom 120 S/O EA-2 Top 320 SMD P10 4080 SETBACK 40TR ST. 32.9R TRSBY 40X5 4 1/2 116 1/4 D.V. OUTSP. 37, 2SR3CT Recip. Seals 3.5, 4.7, 4EA 1675M Cent 1.3, 5.7, 9.36 BASIST 37
	1430							START ESCORTION TAG Bottom 120 S/O
	1610							BREAK CIRC RECIRCULATE PIPE 10FT
	1715	6.0	12				200	500 GALS MUD FLUSH
		5	20				5	2000 MUD FLUSH
			29					EA-2 CMT 120 S/O
								DROP 40 PUNG, WASHOUT PL
	1725	6.5	0				200	START D.V. 1/2
			23				5	" " 1/2
			53				500	" " 1/2
			60.0				600	
	1735		62.7				1300	LAND PLUG
								Release - DRY
	1740							DROP D.V. OPENING JACT
	1741		70					PLUG RH 1/2 30 S/O SMD
	1755						1200	OPEN D.V.
	1756	7.0	0				250	START SMD @ 11/2" 320 G/S
		5	175				5	END
								DROP D.V. CLOSING PLUG
	1820	5.0	0				200	START D.V.
			29				400	CIRC. CMT TO PIT. 20 SMD
			35				500	
	1830		40.0				1400	LAND PLUG, CLOSE D.V.
								Release - DRY
	1915							JOB COMPLETE THANK YOU! DAVE JOHNS, JOE LANG



THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS
CONSERVATION DIVISION

INJECTION PERMIT FOR ENHANCED RECOVERY

Oper. License #: 31819 Permit #: E-30892
 Operator: Cholla Production, LLC Pilot Well Name & No.: Kyte Jording #4-14
 Address: 7851 S. Elati St., Ste. 201 Location: 1320'FSL 1980'FEL
 City: Littleton Sec. 14 TWP.2 RGE.30 (E) (x)(W)
 State: Colorado County: Decatur
 Zip Code: 80120 Field Name: Jording

Project Acreage: E/2 - Sec. 14-T2S-R30W

After reviewing the operator's application for an Enhanced Recovery Injection Well Permit dated June 27, 2011, the Conservation Division grants a permit for the injection of produced saltwater or other fluids approved by the Conservation Division. Each additional permitted well is subject to the specifications and requirements of this permit including any attachments or any attached amendments.

- > The injection formation is known as the Lansing "J".
- > The depth of the permitted injection interval is from 3971' to 3976'. (x)(PF), (O)(OH)
- > The maximum authorized injection rate is 500 barrels of fluid per day.
- > The maximum authorized injection pressure is 500 PSIG.
- > Attachment (YES), (x)NO.

Complete casing information for the Pilot well is as follows:

	SIZE	SEAT DEPTH	INTERVAL CEMENTED	SACKS CEMENT USED
Surface	8-5/8"	309'	309' to 0'	210
Production	4-1/2"	4080'	4080' to 3830'	120
Tubing	2-3/8"	3942'		

Additional Cementing: DV tool 2583' to 0' w/ 320 sxs
 Packer type and setting depth: Weatherford Lok-set set @ 3942'

Well(s), Lease(s) and Facilities supplying fluid for injection:

Lease Operator	Lease Name	Lease Description
Cholla Production, LLC	Kyte Jording	E/2 & NW/4 - Sec. 14-T2S-R30W
Cholla Production, LLC	May Jording	SW/4 - Sec. 14-T2S-R30W

In addition to the specific permit conditions and requirements set out above or on the attachment hereto, this permit is subject to all of the provisions of K.A.R. 83-3-400 et seq. Injection authority cannot be transferred without approval of the Conservation Division.

Date Approved: 08/17/2011

Director, Underground Injection Control
Conservation Division

APPLICATION REVIEW

DATE RE ED UIC 6/27/11

Page of

Operator: Cholla Production LLC

License# 31819

Docket# E30892

Caption Acreage: E/2 - Sec. 14 - 25 - 30W

Lease: Kyte

Field: Jording

County: DeWitt

WELL INFORMATION

Well Name#: Kyte 24-14

API#15: 039 20963-0001

Location: 1320 FSL sec line 1980 FEL sec line SE SW NW SE SEC 14 TWP 2 S-RNG 30 E/W Elev: 2833 GL/KB

Casing & Cement:	Conductor	Surface	Production	Liner	Tubing	DV/Part Coller Add'l Cementing	Squeeze
Size		8 7/8	4 1/2		2 3/8	DV type	type
Setting Depth		309	4080		3942	2583	
Sacks Cement	SX	210 SX	120 SX	SX		320 SX	SX
Cement Top		Surf	3830			Surf	
Cemented Interval	to	309 to 0	4080 to 3830	to		2583 to 0	to
Cement Circulated	Yes/No	Yes/No	Yes/No	Yes/No			

Total Depth: 4080 PBDT: 4069 Annulus Fluid Add'l Protection: Yes/No

Tubing Type & Depth: 2 3/8 Seal/Case @ 3942 Packer Type & Depth: Weatherford Loh-Set @ 3942

Injection Formation(s): Lansing "J" Source of Injected Fluid: (Formation):

Injection Interval: 3971 to 3976 perfs/OH; to perfs/OH; to perfs/OH; to perfs/OH

MAXIMUM AUTHORIZED: Injection Rate 500 bbl/day

MAXIMUM AUTHORIZED: Injection Pressure 500 psi

LEASES SUPPLYING WATER

[Operator]	[Lease]	[Lease Description]
Cholla Production, LLC	Kyte - Jording	E/2 + NW - Sec 14-25-30W
	Mary - Jording	SW 1/4 - Sec 14-25-30W

Technical Review:

Table I 200' Satisfied? Yes Table II Top 100' Satisfied? Yes

Unconsolidated Thickness: Injection Zone Isolated by Cement? X Y/N

Cement Behind Packer? Y/N

Cement Verification: X Cement Tickets Job Log Driller's Log Cement Bond Log

Completion Report Other (Describe):

AOR: Inj. Zn protected? Perform around X well or project area 1320 ft radius 2 PA 0 PROD

Date MIT Approved: 7/27/11 Aff. of Publ.: 3/23/11 Aff. of Notice: 6/24/11

Comments:

Approval Recommended: Technical [Signature] Date: 8/16/11

UIC Director [Signature] Date: 8/16/11

Pressure at PFS w/ Hole Full Water

$$BHP @ PFS W/ HFV = \left[0.433 \times SpG \times \dots \right] \times \left[\text{Depth of PFS} \right]$$

$$= \text{BHP @ PFS W/ Hole Full Water}$$

$$\text{Parting Press} = \text{Depth to PFs} \times G, \text{ FG psi/ft}$$

$$PP = (\text{PFS}) \times G, \text{ FG}$$

$$\text{Parting Press} = \text{psi/ft}$$

$$\text{Max. Surf Inj. Press} = PP - BHP W/HFV \text{ psi}$$

$$MSIP = \text{psi (estimated)}$$

Pending

CKET# E-30892

CASING MECHANICAL INTEGRITY TEST

Disposal Well Enhanced Recovery:

Repressuring X

Flood X

Tertiary

SE-SW-NW-SE, Sec 14, T 2, S.R 30 E

GPS 1325 Feet from South Section Line

1976 Feet from East Section Line

Date injection started
API #15- 039-20,963-0001

Lease Kaste Jording Well # 4-14
County Decatur

Operator: Cholla Productions LLC Operator License# 31819

Name & Address 7851 S. Elati St. Ste. 201 Contact Person William Hoff

Littleton Colorado 80120-8081 Phone 303-972-9092

KCC
AUG 10 2011
HAYS, KS

Max. Auth. Injection Press	Psi	Max Inj. Rate	bbl/d:
If Dual Completion - Injection above production			Injection below production
Conductor	Surface	Production	Liner
Size	8 5/8	4 1/2	Size 2 3/8
Set at	309	4078	Set at 3942
Cement Top	-0-	-0-	Type Seal-Tite
" Bottom		3830	
DV/Perf.	2583	TD (and plug back)	4044 ft. depth
Packer type	Weatherford LOK-Set	Size 4 1/2	Set at 3942
Zone of injection	LKC 'J'	ft. to ft. 3971-76	Perf. or open hole perf 4 JHPF

Type MIT: Pressure: 02 Radioactive Tracer Survey: Temperature Survey:

F Time: Start 0 Min 10 Min 20 Min

I E Pressures: 30.5 305 305 Set up 1 System Pres. during test 0

L D 30 min Set up 2 Annular Pres. during test 305

D 305 Set up 3 Fluid loss during test 0 KCC

A T Tested: Casing or Casing - Tubing Annulus AUG 10 2011
A HAYS, KS

The bottom of the tested zone in shut in with packer
Test Date 7-27-2011 Using Branch Oil Company's Equipment

The operator hereby certifies that the zone between 0 3971 feet and 3976 feet

was the zone tested John J. Mendez Signature Consultant Title

The results were Satisfactory X Marginal Not Satisfactory
State Agent: Chanel Dupman Title: PERT II Witness: YES PASSED

REMARKS: Fluid pressure.

Origin. Conservation Div.: KCC KDHE/T: 4 Dist. Office

Computer Update Is there Chemical Sealant or a Mechanical Casing patch in the annular space? (Y/N)

GPS Lat 39.87550 GPS Long -100.65339 (IF YES please describe in REMARKS) KCC Form U-7