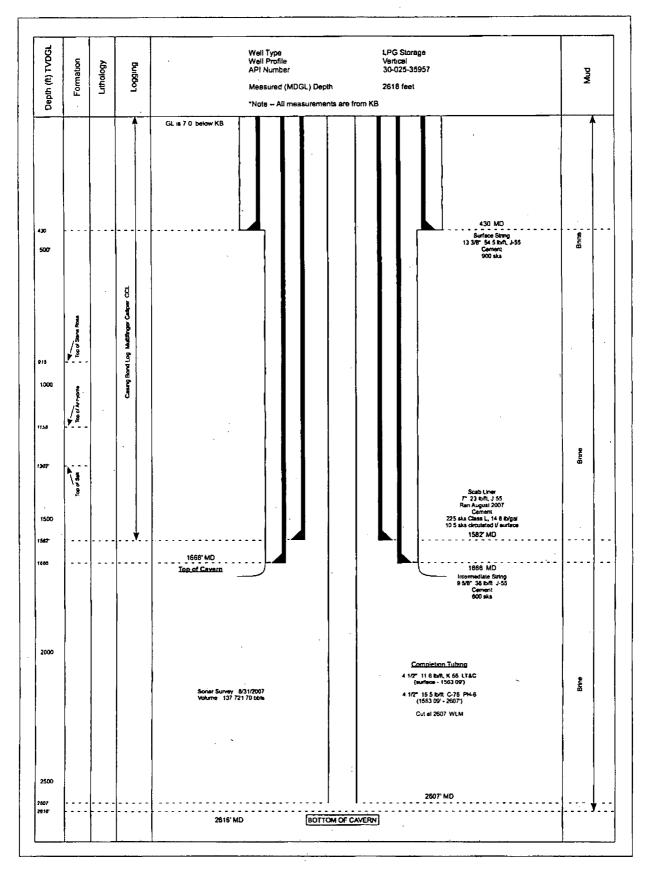
Submit 1 Copy To Appropriate District	State of New Mexico	Form C-103
District I - (575) 393-6161	State of New Mexico State of New Mexico State of New Mexico State of New Mexico	Ces Revised August 1, 2011 WELL API NO.
1625 N French Dr , Hobbs, NM 88240 <u>District II</u> – (\$75) 748-1283		WELL AFTINO. 30- 025 - 35957
811 S First St , Artesia, NM 88210	1 0 2011 CONSERVATION DIVISIO	5. Indicate Type of Lease
District III - (505) 334-6178 SEP - 1000 Rio Brazos Rd , Aztec, NM 87410	1220 South St. Planeis Di.	STATE FEE
District IV - (505) 476-3460 1220 S St. Francis Dr , Santa Fe, NM	Santa Fe, NM 87505	6 State Oil & Gas Lease No
87505 BCE	CEIVED	
	CES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PLUG BACK TO	7 Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR USE "APPLIC	ATION FOR PERMIT" (FORM C-101) FOR SUCH	State LPG Storage Well
PROPOSALS) 1. Type of Well Oil Well	Gas Well Other LPG Storage	8 Well Number 4
2. Name of Operator	Sas Sas	9. OGRID Number
Western	Refining Company, L.P.	248440
3 Address of Operator		10 Pool name or Wildcat
6500 Townba	idge Drive El Paso, Tx 79905	Langlie Mallix
4. Well Location	1000 feet from the South line a	and 1230 feet from the WCS line
Unit Letter M Section 32	Township 235 Range 376	
Section 32	11 Elevation (Show whether DR, RKB, RT, C	
	3310 f+ GL	
		•
12. Check A	appropriate Box to Indicate Nature of N	otice, Report or Other Data
NOTICE OF IN	TENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK		
TEMPORARILY ABANDON	_	CE DRILLING OPNS. P AND A
PULL OR ALTER CASING	MULTIPLE COMPL CASING/C	CEMENT JOB
DOWNHOLE COMMINGLE		
OTHER		
		ails, and give pertinent dates, including estimated date
of starting any proposed wo proposed completion or reco	rk) SEE RULE 19.15 7 14 NMAC. For Mult	iple Completions. Attach wellbore diagram of
proposed completion of rece	ompletion.	
. (affached documents	
)ec	affached documents	
Spud Date	Rig Release Date:	
I hereby certify that the information	above is true and complete to the best of my kn	owledge and helief
Thereby certify that the throughout the	bove is true and complete to the best of my kin	owiedge and benef
		91-1
SIGNATURE	TITLE Dalling Na	DATE 9/7/2012
Type or print name Paul T Hugh	TE. P.F. E-mail address physical	s@geostockus. com PHONE. (832) 715 - 9060
For State Use Only		1 11 100
ADDROGRAD SEE A . A		9/21/22/2
APPROVED BY. Conditions of Approval (1f any).	MILE Environmental	Engineer DATE 9/21/2012
EG 9-11-2011		lition of exproval.
-U+ C1 11 11	- x see work	V 11



	420 PARK TEN PLACE 0 HOUSTON TX 77084	Jal Storage, State LPG Well #4										
DRAWN BY J. A. POWEIS	DATE 8/30/12		Dec Markover M	- 11 b -		0-6		-4:-				
CHECKED BY P Hughes	DATE 8/30/12	Pre-Workover Wellbore Schematic										
APPROVED 61 R Kleinenberg	0ATE 8/30/12	CLIENT	Western Refining Company, L P	DRAWING REF / No								
THIS DRAWING CONTAINS CON	FIDENTIAL INFORMATION AP	D IS PROTECTED	BY COPYRIGHT IT MAY NOT BE REPRODUCED TRANSFERRED OR	JA	3	3	00	12	004	0	P	0
USED WITHOUT PRIOR WRITTE				Project Form Discreton Tonk Very Chronic Activ		Activity	Type of	Ravision				



16420 Park Ten Place Drive

Suite 450

Houston, TX, 77084 Phone: 281 944 3000

Fax: 281 944 3042

UNDERGROUND STORAGE CONSULTING ENGINEERS

Jal Storage - State LPG Well No. 4 MIT Workover Procedure Friday, September 21, 2012

Chrono: JA3300/12 006/O/Z/O

Subject: Jal Storage Abridged Procedure - State LPG Well No. 4 - MIT Workover

Dear Mark,

Geostock US has put together the technical and commercial components for the below mentioned operations. Please find in this document all pertinent action items and steps planned during the intervention of these wells. The objective is to remove the 4 1/2" tubing, inspect/test the 7" scab liner, inspect/test the 4 1/2" casing, re-run the tubing, and perform a Mechanical Integrity Test on the cavern. Geostock US and Western Refining take the stance that safety is of the highest priority throughout these operations.

Please note all site operations will be during daylight hours only and the following procedure may be altered to accommodate this schedule.

Any questions, concerns, or you require greater detail; please contact Paul Hughes, (832) 715–9060, or Austin Powers, (281) 216–0911.

Well Information:

Well Name:

State LPG Well No. 4

API Number:

30-025-35957

County:

Lea 2471'

TVD: KB:

7' above GL

Procedure:

Workover Operations Begin

- 1. Move rig to location
- 2. HSE Site Works
- 3. R/U and check equipment
- 4. Ensure pressure on wellhead is null
- 5. M/U to tree and circulate well and ensure well is static
- 6. Safety meeting and JSA to be conducted
- 7. De-stud tree and lay aside, send for re-fab / maintenance
- 8. N/U manifold, BOP, gas buster, mud cross, etc and test both high/low



- 9. Prep rig floor to pull tubing, P/U spear, and stab into tubing
- 10. Visually inspect, rabbit joints, and lay down, call bad joints
- 11. Close hydril and R/U wireline unit and prep for logging
- 12. R/U wireline lubricator and perform downhole logging with CBL and multi-finger caliper t/ 1582'
- 13. R/D wireline unit and demob from location
- 14. P/U packer and RIH w/ 4 1/2" tubing string or work string, set packer at 7" shoe
- 15. Install TIW valve on tubing
- 16. Close same, close hydril
- 17. Test backside of 4 1/2", 350 psi for 30 minutes on a 60 minute chart; ensure all casing valves are open during test
- 18. Bleed pressure off packer and POOH w/ 4 1/2" tubing/work string and lay down packer
- 19. RIH w/ 4 1/2" tubing, hydrostatic test joints below rotary while RIH, R/D testers
- 20. Land tubing in wellhead and install backpressure valve, test valve is holding
- 21. N/D mud cross, BOP, gas buster and N/U tree, test high/low
- 22. Rig down unit and move off of location

MIT Operations Begin

The cavern will be subjected to an external mechanical integrity test via the brine-nitrogen interface test method as described by the Kansas Department of Health and Environment Brine-Nitrogen Interface "Cavern Test" Guidelines

- 23. Conduct safety meeting and JSA with site personnel before commencement of MIT operations
- 24. Install all necessary surface equipment
- 25. Install pressure and temperature recorders on the 4 1/2" tubing and the annulus of the 4 1/2" tubing (ID of 7")
- 26. Pressure test monitors and recording equipment
- 27. N/U manifold, frac tanks, vac trucks, all to wellhead
- 28. Prime pump and prep for brine injection
- 29. Begin injecting brine and fill well
- 30. Once static condition is reached ensure all valves are closed, except for injection line
- 31. Start brine injection into the 4 1/2" tubing, pressure increase not to exceed 150 psi/hr
- 32. Inject brine until the annulus, between the 7" and 4 1/2", reaches 364 psig
- 33. Isolate wellhead using a double valve combination and shut in at surface
- 34. Monitor the wellhead pressure for 24 hours or until pressure has stabilized (decrease of less than 10 psi/day), pressure to be maintained via brine injection when required
- 35. Conduct safety meeting and JSA with site personnel before commencement of cavern pressurization via nitrogen



- 36. Begin R/U of nitrogen supply company, wireline density logging
- 37. N/U nitrogen line to the wellhead, test same
- 38. Take note of current brine surface pressure on 4 1/2" tubing and annulus
- 39. Ensure nitrogen pressure of greater than current brine pressure in surface system
- 40. Open wellhead valve to allow injection of nitrogen into the annulus of 4 1/2"
- 41. During nitrogen injection, bleed off brine from 4 1/2" tubing as needed to keep casing shoe at or below test pressure, and monitor interface level with wireline density log
- 42. Inject nitrogen until nitrogen interface is below casing seat (surface annulus pressure approx. 1,184 psig.)
- 43. Allow cavern to stabilize overnight, monitor pressure as required
- 44. Conduct safety meeting and JSA with site personnel
- 45. Once confirmation of cavern stabilization begin prep for logging
- 46. R/U wireline unit and required equipment
- 47. M/U lubricator to wellhead and test same
- 48. RIH with sinker bar and gauge ring to approximately 1700' to confirm 4 1/2" tubing clearance, may depend on final EOT depth
- 49. POOH and lay down logging tools
- 50. Run a nitrogen-brine interface measurement log (pulsed-neutron) in the 4 1/2" tubing to verify the brine-nitrogen interface depth and pressure/temperature log.
- 51. Monitor the wellhead pressures for 240 hours
- 52. Repeat the nitrogen-brine interface measurement and pressure/temperature logs
- 53. Pass/Fail of test to be in accordance with the Kansas Brine-Nitrogen Interface "Cavern Test" Guidelines. Minimum detectable leak rate (MDLR) must be less than 1000 bbl/yr. Calculated nitrogen leak rate (CNLR) must be less than MDLR.

V	Unit volume of borehole, bbl/ft	27
R	Resolution of interface tool, ft	1
· T	Duration of test, days	10
MDLR	Min. Detectable leak Rate, bbl/yr	985.5

- 54. Data to be analyzed and reported to Western Refining Company, L.P.
- 55. Submit 'Form C-103' per requirements upon successful completion of site operations

END OF OPERATIONS

Western Refining Company, L.P. Jal LPG Storage Facility (GW-007) LPG Storage Wells No. 3 and 4

C-103 Form OCD Santa Fe Office Conditions of Approval (9/21/2012)

1) The operator shall submit a final C-103 Sundry Notice for each well with all applicable well testing information attached to the notice within 30 days of well testing completion. Information consistent with the State of Kansas "Nitrogen Brine Interface" Cavern Test Form shall be provided with the final C-103 Notice information.

Please be advised that OCD's approval does not relieve Western Refining, L.P. from responsibility if their operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve Western Refining, L.P. of responsibility for compliance with any other federal, state, or local laws and/or regulations.