Form 3160-5 (March 2012)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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FORM APPROVED OMB No 1004-0137 Expires: October 31, 2014

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MAY 07 20 5 Lease Serial No

NMSF079602

SUNDRY NOTICES AND REPORTS ON WELLSarmington Field Off Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to retenter(an and Managemer). abandoned well. Use Form 3160-3 (APD) for such proposals. 7 If Unit of CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2. 1 Type of Well 8 Well Name and No LL McConnell #14A Oil Well Gas Well Other 2 Name of Operator Four Star Oil & Gas Company 9 API Well No. 30-039-25319 3a Address 3b. Phone No (include area code) 10. Field and Pool or Exploratory Area ATTN: Regulatory Specialist 332 Road 3100 Azt Blanco MV/W LIN GA DAK 505-333-1901 Aztec, New Mexico 87410 4 Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State Rio Arriba, New Mexico 790'FNL, 2310' FEL, S 29, T 25N, R 3W 12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Water Shut-Off Production (Start/Resume) Notice of Intent Alter Casing Fracture Treat Well Integrity Reclamation Casing Repair New Construction Recomplete Other ✓ Subsequent Report Change Plans Plug and Abandon Temporarily Abandon Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) 8/26/2011 MIRU rig Blow well down to flowback. Hand screw 7/8" rod onto pin looking up @ 10'. Pull 30K and bounce down several times. Rod string started sliding/dropping back down by gravity but still pulls to 30K. Gas flow from tubing (don't know where hole is at yet). Old polish rod has broken pin. Shut in well until Monday. 8/29/2011 RU Poor Boy. Take on load of 2% KCl water. DXP qualified gas testor monitoring LEL. Pump 12 bbls 250 deg water down tubing - filled tbg & pressured-up. Attempt to unseat pump unsuccessfully. Switch to casing & pump 44 bbls 250 deg water. Attempt to unseat unsuccessfully. Switch back to tubing - pressured- up right away. RD Poor Boys. Pull rod string weight & back-off. LD one hundred twenty 7/8" rods & eleven 3/4" rods (3275'). RU & pull ~60,000 lbf (tbg, rods, water). TAC was not seated. Re-land tubing & MU B1 adapter. Screw in TIW. 8/30/2011 ND B1 / NU BOPs RU floor & test 250 low/1500psi high. Tests good. RU to pull 2-3/8". LD rods jts to rod top. Back-off and LD 38 rods / LD 27 joints. Bad wear on couplings joints 120-140, worst @ it 130. Back-off 12 rods LD 9 joints. See attached sheet for remainder of report. RCVD WAY 10'12 OIL CONS. DIV. 14 I hereby certify that the foregoing is true and correct. Name (Printed/Typed) DIST. 3 April E. Pohl Title Regulatory Specialist May 7, 2012 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by ASSEPTED FOR RECORD Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify MAY 08 2012 that the applicant holds legal or equitable title to those rights in the subject lease which would Office

entitle the applicant to conduct operations thereon

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department of the section 1212, make it a crime for any person knowingly and willfully to make to any department of the section 1212, make it a crime for any person knowingly and willfully to make to any department of the section 1212, make it a crime for any person knowingly and willfully to make to any department of the section 1212, make it a crime for any person knowingly and willfully to make to any department of the section 1212, make it a crime for any person knowingly and willfully to make to any department of the section 1212, make it a crime for any person knowingly and will fully to make to any department of the section 1212, make it a crime for any person knowingly and will fully to make to any department of the section 1212, make it a crime for any person knowingly and will fully to make to any department of the section 1212, make it a crime for any person knowingly and will fully to make to any department of the section 1212, make it a crime for any person knowingly and will fully to make to any department of the section 1212, make it a crime for any person knowingly and will fully a crime for any person knowingly and will fully a crime for any person knowingly and the section 1212 and 121

- 8/31/2011 Back-off & LD 53 rods. LD 42 jts tbg (@ 5670'). Back-off & LD 19 rods. LD 15 joints. Back-off 6 rods. LD 5 joints. Back-off 13 rods. LD 11 joints. Back-off 13 rods. LD 11 joints. Remove TAC (wear on one side) on joint 228. Transferring workstring float to storage rack. Rods will not back-off, finish stripping-out 3 rods & 2 joints, 3 rods & 2 joints. Rods pulled from jts ~ 225 to 245 have moderate scale. Last 10 joints tubing are moderately scaley, and the last joint is extremely scaley. The pump is cemented into the last joint with scale. Transfer pulled tubing to float. Recovered 263 jts tubing & 333 total rods.
- 9/1/2011 RU Phoenix. RIH & tag @8345'. PBTD is 8373' (28' of fill, 16' from pulled tbg EOT). RD Phoenix. TIH 90 joints w / 5-1/2" casing scraper.
- 9/2/2011 Finish TIH casingw/ scraper to 8270' & TOH LD workstring. Change out pipe rams to 2-7/8". Pressure test 250 low, 1500 high. Test good. Pressure test 2-7/8" TIWs. First TIW failed 250 low, passed 1500 high. Second test passed high and low.
- 9/6/2011 Check well, SCIP 450 psi, bleed down same.

Spot RU Schlumberger E-line equipment, RU WL BOP's, lubricator. Rig computer failed.

Rack up 2-3/8" workstring, put on trailer, moved off location. Offload 2-7/8" frac string on pipe racks, tally top layer, spot additional frac tank.

PU Lub, Test to 100 psi, test good. RIH w 1 11/16 gamma ray/ccl to 8070', log well up to 6500', POOH. Tie into open hole dated 10-23-94, LD lubricator & tools.

Note: while logging well found setting sleeve for CBP had damaged threads, will have to replace.

Secure well, SDFN.

9/7/2011 Check well, SICP - 200 psi, Bleed down same

PU Lub, RIH w/10 K Magnum CBP, Tie in, Set plug @ 8000', POOH. Could not confirm fluid level. LD Lub & tools. ND adapter flange & wl bop's

Pump 30 bbls 2% down well, PU & RIH in singles w/ 5 1/2 x 2 7/8 Baker Retrieamatic on 2 7/8 workstring

Cont in hole w/ 2 7/8" tbg, Set pkr at 7902' on 249 its

Test CBP & csg to 900 psi, Lost 30# in 15 min, most likely air, Bleed down, Took 38 bbls to load, Approx FL @ 6563

Release pkr, POOH w/ 62 stands. Secure well, SDFN.

9/8/2011 Check well, SIWHP - 0 psi, Open to flowback tank, Move pipe racks for perf gun placement.

POOH w/ 2 7/8" tbg, LD pkr

RU adapter flange, wl bop's, lubricator, PU 4" HEGS guns loaded 2 SPF, 180 deg f phasing, RIH, Tie in, Perforate the Lower Gallup from 7613 to 7628', FL @ 5820', Made 6 additional runs, perforated from 7528-7540', 7497-7510', 7476-7485', 7457-7473', 7433-7440', 7412-7428', 7395-7408', 7383-7389', & 7367-7380', FL remained around 5820', Total of 240 holes. POOH, LD tools & Lub, nd wl bop's and adapter lange. RD Schlumberger E-Line Unit.

9/9/2011 Check well, 0 psi, Open to flowback tank

RIH, POOH, LD excess pipe 18 jts, PU pkr, RIH on 231 jts 2 7/8" tbg ND stripper head, Install Frac Mandrel w/ pkr set at 7333' w/ 20K down. Nipple up Frac Y

Pump 100 bbls 2% KCL down backside, well did not load. (Open perfs) Secure well, SDFD

9/19/2011 Pumped 149 bbls acid w/ ball-out. Shut-in for bio-balls. Pumped 99 bbls XL'd Pre-Pad & 145 bbls of XL'd Pad. Average rate = 22 bpm, Avg pressure = 4679 psi. Getting returns up annulus. Shut-down & evaluate. Well circulates close to full returns. Displaced acid & gel in wellbore to flowback tank w/ one full circulation (160 bbls) of water. RD HES.

- 11/17/2011 Spot base beam and Key 154 on hard freeze. Move in & spot rig equipment. Take on 160 b bls of 2% KCl water. RU Key 154, flowback lines, rig pump, accumulator.
- 11/18/2011 Break-out & load WSI frac mandrel to town. POOH standing back, LD Baker packer. Release Baker packer, stand-back 115 & pull a single. Break-off & LD packer. PU 4-3/4" junk mill, sub/float. Tally stands in the hole to just above Gallup perfs (~7200'). Transfer 34 joints 2-7/8" trailer to HydraWalk rack & tally.
- 11/19/2011 TIH & tag 1' in on joint 253 (7998').

  Pressure test air/foam lines to 1000psi. Initiate circulation (max press 950 psi) & drill CBP @ 8000'. Circ hole clean w/sweeps. RIH & tag PBTD 8373'. Circ hole clean w/sweeps. Max pressure at air/foam unit was 1100 psi.

  There are 140 bbls in flowback tank, 40 of which is 2% KCl water.

  Rack swivel. TOH standing-back to above Gallup perfs. Freeze protect rig pump.
- 11/20/2011 RIH & tag ~ 2' of fill. LD 2-7/8" workstring.
- 11/21/2011 Pressure test 2-3/8" pipe rams 250 psi low, 1500 psi high. Tests good.
  Run mule shoe, F nipple, 37 joints tubing, 2.14" pup, 140 joints tubing.
- 11/22/2011 Continue running 2-3/8" L80 w/ chemical injection sub @ 3900' w/ 1/4" capstring back to surface. Run 3/8" capstring from 400' to surface.

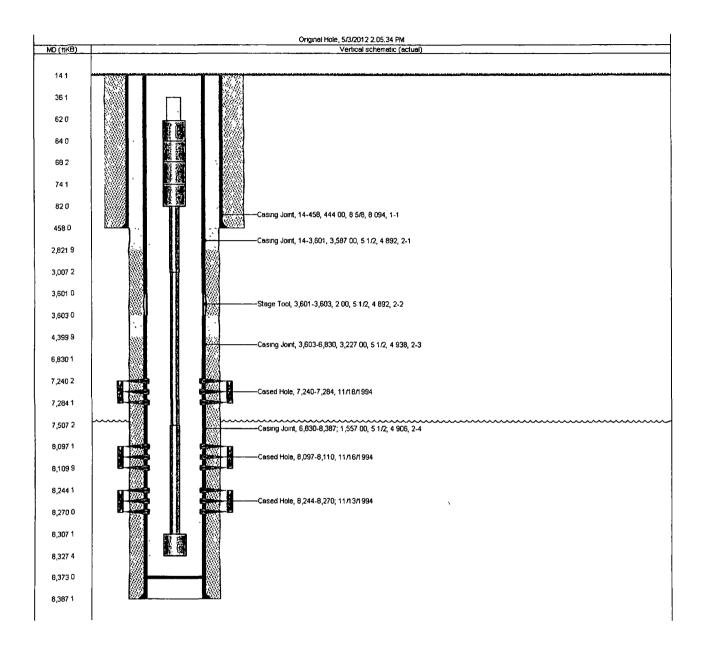
  Move F nipple from 8328 to 8280'. Un-set TAC, cut-off 48' of cap string, re-set TAC & NU B1 adapter and pressure test same to 1500 psi. Test good. North side of B1 is 3/8" cap to 352' open ended, south side is 1/4" cap to 3852' w/ port into tubing. EOT is 8312' KB, F nipple is 8280', TAC is @ 7109' ( nearest chemical injection perf is 131' down).

  Ran 30.61 mule shoe, F nipple, 37 joints of tubing, TAC, 2 joints of tubing, 2.14' pup, 221 joints, a 6' pup, and a slick joint.

  Prepare to run rods. Prepare to move.
- 11/23/2011 Run 2 x 1-1/4 x 20' x 20'3" RHAC pump w/ a 10' dip tube, 4' stabilizer bar, thirty-two 7/8" rods, one hundred-eighty 3/4" rods, one hundred-seventeen 7/8" rods. Space-out w/ 2', 4', 6', & 8' ponys, and install a 26' PR.

  Load tubing w/ 2% KCl water and pump-up 500 psi w/ rod pump. Pressure test good.

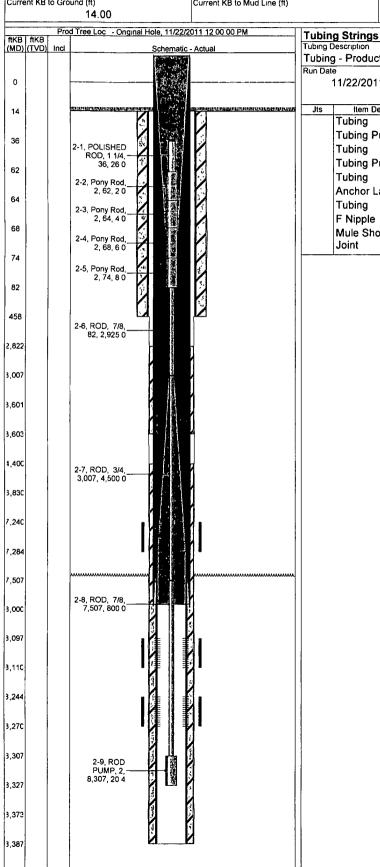
  RD WO. Leave location.





## **Tubing Summary**

Well Name	Lease	Field Name	Business Unit
McConnell LL 14A	McConnell, L.L.	Blanco Mesa Verde	Mid-Continent/Alaska
Ground Elevation (ft)	Original RKB Elevation (ft)	Current RKB Elevation (ft)	Mud Line Elevation (ft) Water Depth (ft)
7,460.00	7,474.00	7,474.00	
Current KB to Ground (ft)	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)
14.00			



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l	Tubing Description PI			Planned Run?			Set Depth (ftKB)			Set Depth (TVD) (ftKB)			
1	1 ' '		No Run Job			8,311.0 Pull Date							
l									Pull Job				
1			Pu	Pump Repair,			8/29/2011						
l			9/1	9/10/2007 07:00									
4	Jts	Item Description		OD (in)	ID (ın)	Wt (lbs	/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)		
ĺ		Tubing Tubing Pup Joint Tubing Tubing Pup Joint		2 3/8	1.867	4.	70	L-80		31 77	11.4		
l				2 3/8	1.867	4.	70	L-80		6.00	43.2		
l				2 3/8	1.867	5.	95	L-80		6,989.40	49.2		
				2 3/8						2.14	7,038 6		
l	Tubing Anchor Latch			2 3/8	1.867	4.	70	L-80		63.54	7,040 7		
l				2 3/8						2.79	7,104.2		
Ì		Tubing		2 3/8	1.867	4	70	L-80		1,172.54	7,107.0		
ı		F Nipple		2 3/8						0.83	8,279.6		
		Mule Shoe Tubir Joint	ng	2 3/8						30 61	8,280.4		

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Report Printed: 5/1/2012