## NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is com-

oleted. It should be signed and filed as a result of well repair, and other imports instructions in the Rules and Regulation	ant operations, even though the	work was witnessed b	y an agent of the Commission	See additional
	Indicate Nature of Repo	ort by Checking Below	7	
REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON RESULT OF CASING SHUT-		REPORT ON REPAIRING WELL	x
REPORT ON RESULT OF PLUGGING WELL	REPORT ON RECO	MPLETION	REPORT ON (Other)	
		<b>1-54</b>	Odessa,	Texas
Following is a report on the work	done and the results obtained	under the heading note	ed above at the	
Sun Oil Company (Company or Operator)		H. D. McKinley		
Bickerstaff & Tibk	ete r)	Well No3	in the	of Sec <b>5</b> ,
19 S, R. 38 K, NMPM.,	H obbs	Pool,	<b>4</b>	County
The Dates of this work were as follows:				
Notice of intention to do the work (was	s) (2006t) submitted on Form	C-102 on		, 19
and approval of the proposed plan (was		, ( <b>c</b>	ross out incorrect words)	
DETA	ILED ACCOUNT OF WORK	DONE AND RESULT	S OBTAINED	
See attached sheets fo	r detail description	of work done o	n this well.	
P. O. Veenn	Sun	Od 1 Commonw	Tanl Duck	
Witnessed byE.a.Q.a.Moors		O11 Company	Tool Push	
Approved QIL CONSERVATION	COMMISSION	I hereby certify that to the best of my kno	the information given above is trowledge.	ue and complete
J. J. Stanley		Name O.D	allingen	V
(Nagré)		Position		
-Development of		Representing	Ass Assistants	

(Date)

(Title)

Box 2792, Odessa, Texas

## WORKOVER H. D. MCKINLEY NO. 3

1-23-54 Moved in rig. Rigged up, killed well, stripped tubing head out. Had trouble getting 1-24-54 packer out. Well started kicking again 6:30 a.m., bleeding casing and 1-25-54 pumping water in casing. Ta to 11 a circulated fresh water down 7" casing and out 9 5/8". Recovered 40 to 50 bbls. oil from 9 5/8", circulated until clear water returned, pull packing and slips from hole, and installed Shaffer BO pregenter and valve. 11a - 4 p attempted to pull Robinson step packer. AP to 6 P Dialog ran string shot, backed off 3" tubing at 4016', leaving 1 jt. 3" tubing and 1 - 6' pup joint on top of packer. 6 p to 6 P circulated hole before pulling tubing. 8 p to 9 p - tying down BO preventor. 9 p to 4 a laying down 3" tubing. 4 to 7 a - changing rams. Will pick up 2 7/8" DP w/ Homeo overshot gas jars and safety jt.

- 7A to 12 Noun pick up 2 7/8" DP 3 D.C. Homeo gas jars, safety jt and Homeo overshot. 12 noon 4 p jarring on fish 60-80000 jars quit working, could not move packer 4-6 p.m. attempting to release evershot 6-7p rigging up Dialog. 7-9p run string shot attempting to back off 3" tubing, 1 jt. below evershot backed off at safety jt. above evershot. 9 to 11 p serewed into safety jt. circulated and pulled on fish 11-1 A unscrewed from safety jt. and pulled DP 1 to 2:45a ran Bowen fluid jars w/7 D.C. serewed into safety joint. 2:45a to 7a jarring on fish at 800000 worked pkr up hole 12' used 115 bbls. water, last 24 hours. Total 1775 bbls. water.
- 7a to 9:30 a jar on packer. 9:30 to 11:30 a trip. 11:30 to 1:15 p in hole w/Bowen overshot. 1:15p to 5P run Dialog and pull on fish. 5p to 7p come out of hole to change overshot. 7p to 9 p repair drum shaft. 9p to 11:30 p ge in hole w/B owen overshot. 11:30 p 0 2A run Dialog string shet attempting to back off tubing below Homee overshot. Think Homeo overshot turning when attempting to torque up on DP. 2a to 3:30 a coming out of hole w/Bowen overshot. 3:30 a to 7a waiting on and making up Homeo gas jars and safety joint to attempt to jar Homeo overshot off of 3" tubing.
- 7a to 8a ran Homeo gas jars. 8A-12Neon jar on fish Homeo overshot pulled loose at 88000%. 12 noon 2p pulled out of hole recovered Homeo overshot. 2 p- 6 p picked up 2 jts. 5½ 0D wash pipe w/6" rotary shoe full opening and safety joint and run in hole. 6p to 2a wash over top of fish 39%-4014 loose cuttings and cavings. 2a 3a spotted 250 cals. Dowell 1% HCL no-mulsion acid on top of packer. 3 a to 7 a pulled out of hole layed down wash pipe picked up Bowen overshot, and safety joint. Going in hole to jar on packer.
- 7a to Sa finished going in hele w/Bowen overshot and Bowen jars and safety joint. S to S:30 a attempting to get over fish. S:30 to 10:15 a pulled out of hole-found that mill stop would go over tubing. 10:15 to 11:30a going in hele w/Bowen OS and Bowen oil jars. Bumper sub and SJ.

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2-25-54 pumping water in casing. 7a to 11 a circulated fresh water down 7" casing and out 9 5/8". Recovered 40 to 50 bbls. oil from 9 5/8", circulated until clear water returned, pull packing and slips from hole, and installed Shaffer BO preventer and value. 11a - 4 p attempted to pull Robinson step packer. 4P to 6 P Dialog ran string shot, backed off 3" tubing at 4016', leaving 1 jt. 3" tubing and 1 - 6' pup joint on top of packer. 6 p to 6 P circulated hole before pulling tubing.

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1775 bbls. water.

72 to 9:30 a jar on packer. 9:30 to 11:30 a trip. 11:30 to 1:15 p in hole w/bowen overshot. 1:15p to 5P run Dialog and pull on fish. 5p to 7p come out of hole to change overshot. 7p to 9p repair drum shaft. 9p to 11:30 p go in hole w/ B owen overshot. 11:30 p 0 2A run Dialog string shot attempting to beek off tubing below Homeo overshot. Think Homeo evershot turning when attempting to torque up on DP. 2a to 3:30 a coming out of hole w/Bowen overshot. 3:30 a to 7a waiting on and making up Homeo sas jars and safety joint to attempt to jar Homeo overshot off of 3" tubing.

2-28-54 7a t

1-26-54

1-27-54

7a to Sa ran Homeo gas jars. 8A-12Noen jar en fish Homeo evershot pulled loose at \$8000\footnote .12 noon 2p pulled out of hele recovered Homeo evershot. 2 p- 6 p picked up 2 jts. 5\footnote .0D wash pipe w/6" rotary shoe full opening and safety joint and run in hele. 6p to 2a wash ever top of sish 3998-4014 160se cuttings and cavings. 2a - 3a spotted 250 cals. Dowell 15\footnote .0D mulsion acid on top of packer. 3 a to 7 a pulled out of hele layed down wash pipe picked up Bowen evershot, and safety joint. Going in hele to jar on packer.

1-29-54 7a to 8a finishe

7a to 8a finished going in hole w/Bowon overshot and Bowen jars and safety joint. S to 8:30 a attempting to get over fish. 8:30 to 10:15 a pulled out of hole—found that mill stop would go over tubing. 10:15 to 11:30a going in hole w/Bowen 08 and Bowen oil jars. Bumper sub and SJ.

11:30 to 12N caught fish and jarred loose, 12N to 2:15 p pulling out of hole - recovered 20' - 3\frac{1}{2} U.S. tubing leaving appx. 18" of tubing in top of 6' pup jt. 2:15 to 5p repaired OS and going in hole. 5P to 6:30 p jarring on fish - jarred loose. 6:30 p to 8:30 p out of hole, Rec. 18" of tubing. Pulled out of collar in 6' pup jt. 8:30 to 10p laid down OS and picked 5\frac{1}{2} W.P. 10p to 11p - going in hole. 11p to 12MN cutting off dlg line. 12MN to 1:30 a wash over fish and cleaning out 7" of cavings. 1:30 to 7a retating and circ. w/WO pipe and waiting on Ehristensen diamond mill. Loosing appx. 25 BW per hour.

1-30-54

7a-7a cire. and waiting on diamond mill - 9a-lp pulled out of hole laid down 5½" OD wash pipe, picked up 1 jt. 6" OD x 5 3/8" ID wash pipe, Homco safety jt. 6.125 OD x 5.125 ID. lp-3p going in hole. 3p-10:30p milling on fish - 10:30p - 1:30a pulled out of hole mill o.k. 1:30a -3a going in hele. 3a-7a milling on fish. Top fish at 4039, started milling at 4039 new at 4042' w/appx. 1000# wt. Lost 250 bbls. water last 24 hours. 7a-5:30p mill over fish and 14' below pkr. 5:30p-7:30p out of hole layed down 6 1/8" mill and washpipe leoked good. 7:30-10:15 picked up 5 3/4" OD Bowen OS w/4½" OD grapples Homco safety jt., bump sub, Bowen jars and 7 BC run 2 7/8" DP. 10:15-11 found top fish same place caught fish. 11:00 to 1:30A out of hole and recovered 4½" OD tubing cellar and 1-6' and 3½" pup jt., and 4 3/4" OD x 7 7/8" fish neck on top of pkr, no strain to pull. 1:30 - 4:30 picked up Homco release spear w/slips to

catch (2 7/8-3 1/8 I.D) fish neck caliper 3 1/16". Spear has 2 sets

1-31-54

slips 5'3" Homco safety jt. bumper set Bowen jars. 4:30-5:00 caught fish on indicator picked up released and put in set pesition picked 1000# weight. No rec. found 2'3" lower slips full of rubber inside of Mandrel-will run Brown release spear 1'7" long w/3 1/4" grapples fish - 3 1/4" ID lost 180 bbls. water in last 24 hours.

2-1-54

7a - 10a waiting on Bowen spear. 10a-2:30p run Brown spear missed fish.

2:30-7p ran taper tap caught and lost fish. 7p - 8:30 p ran taper tap
eaught fish. 8:30-12 MN pulled fish pkr hung in '7" valve 12' below
rotary table taper tap pulled out of fish still hung in valve, pulled loose
3000# pull. 2a to 6:30a wait on 4 3/4" spear from Odessa. Would not catch
working up Brown spear to catch 2 3/4ID sleeve in mandrel. Appx. 2'
down below top of pkr. 7a to 10a remove bonnett on?" master valve and
remove junk iron. 10A 12moon run taper tap and screw into fish, 12 moon
4:30 p rec. pkr and anchor jts. 4:30-6:45p run casing scraper and 6 1/4
bit to 3900' and circ. 1 hr. 6:45 p to 8p pull bit and scraper. 8p to 12 MN run
and set Baker bridge plug at 3890'. Checked bottom of 7" csg. at 3934'
Dialog. 12MN 5:45a ran Dialog survey found hole in 7" casing at 858' and
1880'. 5:45A to 7A prep to run Baker test pkr to test bridge plug.
7a-10a ran Baker test tool to test 7" csg. Found hole between 1877-1882

2-2-54

2-3-54

1880'. 5:45A to 7A prep to run Baker test pkr to test bridge plug.
7a-10a ran Baker test tool to test 7" csg. Found hole between 1877-1882
tested csg. below 1882-600# 30 min. c.k. 10a-10:45a perf'd 3061-4 Jet
SPF. 10:45a-2:30p ran Baker test tool set \$ 3022. Press. up 3000#. Unable
te Break fermation down. 2:30p to 3:30 p come out hole. 3:30p to Ap
Lane Wells perf'd 2961 4 Jet SPF. 4p-6p Baker test tool 2902 broke formation
2000#. Bid not get returns behind 7" casing.

11:30 to 12H osught fish and jarred loose, 12H to 2:15 p culling out of hele - recovered 20' - 3k V.S. tables leaving appx. 13" of tables in top of 6 yap jt. 2:15 to 5p repaired OS and going in hole. M to 6:30 p jarring on fish - jarred loose. 6:30 p to 8:30 p out of hole, Fec. 18" of tabing. Pulled out of coller in 6' pup it. 8:30 to 10; luid down ON and picked A v.F. 10p to lip - going in hole. Up to 12W ontting off dig line. 124% to 1:30 a wash over fish and cleaning out 78 of eavinge. 1:30 to  $7\pi$  rotating and eight  $\pi/40$  cipe and writing on thresh teasen diamond till. Looslag saps. US Bd per hour. 7a-7a circ. and waiting on disment mill - 9a-1p pulled out of bold laid 31-30-54 down 59" 00 wash pipe, picked up 1 jt. 6" 00 x 5 3/8"  $\overline{\mathbf{m}}$  vach pipe, tongo sufecty jt. 6.125 00  $\times$  5.135 ID. 1p-25 going in hole. 5p-10:35p midding on 11sh - 10:30p - 1:30a pulled out of hole mill o.k. 1:30a -3a going in hole. 3a-7a milling on fish. Top fish at 4039, started milling at 1939 now at 4042' w/appx. 1000% wt. Loss 250 bbls. water lunt 24 hours. 1-31-54 7a-5:300 mill over fish and LAP below par. s:30p-7:30p out of hole Layed down 6 1/5" rill and washpipe locked good. 1:36-10:15 picked up 5 3/2" OD Bower OS  $w/4\frac{1}{2}$ " OD grapples Homae safety jt., hump sub, Howen jers and 7 DC run 2  $7/3^{\circ}$  DP. 10:15-11 found top fish same place cought lish. 11:00 to 1:30A out or hole and recovered 45" OF thring coller and 1-5' and 33" pure it., and 43/4" Of  $\times$  7' 7/5" fish neck on top of pkr, no strain to pull. 1:30 - 4:30 picked up homeo release upear w/alips to esten (2 7/8 -- 3 1/3 1.0) fish neck caliber 3 1/16. Spent had 2 sets wildes 5'3" Romeo safet, it. bumper set bouen juri. 4:30-5:00 caught fish on indicator bicked no released and put in ser position sicked 1000% weight. No rec. found 213" lower slips rull of rubber inside of Mandrel-will run Srown release speen  $1^{1}7^{n}$  long u/3  $1/4^{n}$  grapples fish - 2  $1/4^{n}$  ID last 160 bble. water in last 24 hours. 7a - 10a waiting on Rowen spear. 10a-2:30p run Fromm speer missed fish. 2-1-9 2:30-7p ran taper tap caught and lost fish. 7p-8:30 p ran taper tap caught fish. 8:30-12 MM pulled fish pur hung in 7" valve 13' below rotary table taper tap pulled out of fish still hung in valve, pulled locan 3000% pull. 2s to 6:30a wait on 4 3/4° spear from Odessa. Would and outab working up Brown spear to catch 2 3/410 pleave in mandrol. Aprx. 2: remove bonnett en?" master valve and down below top of  $\operatorname{plgr}$ . Ta to 10z $\sum_{i=1}^{n} \frac{1}{2} \operatorname{dist} \left( \sum_{i \in \mathcal{A}_{i}} \frac{1}{2} \operatorname{dist}$ remove junk from 10% Lancon run baper bug and cerew auto fish, 16 mag. 4:30 m rec. okr and anchor jts. 4:30-6:45p rum casing somaper and 6 1.4 bit to 39001 and circ. I hr. 5:4f p to Ep pull bit and scraper. Ep to IX all run and set Baicar bridge plug at 38901. Checked bottom of 7th ang. at 39341 Dialog. 1200 5:45a ran Dialog survey found hole in 7th casing as 85% and 1880). 5:45A to 7A orep to run Caker test par to test bridge plug. /a-10a ran Baker test tool to test 7" csg. Found hole between 1877-1882 17-2-3. testel osg. below 1882-600# 30 nim. o.k. 10a-10: / 5a yeri'd 3061-4 det SF. 10:45a-2:30p ran Baker test bool set @ 3022. Press. up 3000%. Bhabis to freak formation down. 2:30p to 3:30 p come out hole. 3:30p to Ap Dame Wells porfid 2961 4 Jet 37%. 4p-5p Baker test tool 2902 broke formation 2000]. Did not get returns beated ?# ecsing.

6p-7p pulled Baker test tool, 7p to 7:30p Lane Wells perf'd 2861 4 Jet SPF. 7:30-8:30 ran Baker test tool set 2812. Broke fm 1500# and pumped in fm. 1500%. Shut down 15 min. Press-900%, no returns behind 7". 8:30-10:30 pulled Baker test tool 10:30-24 ran Baker Medel K Mag. Retainer set 2805'. Broke fm. 1000# mixed 150 sacks Trinity Inferno w/45 gel started mix 2:18a finish mix 2:45a Avg. slurry 150, press. end of mix. 1200%. Started staging at end cement mix for 2 hours with 15 min. between stages pumping 1 bbl. on each stage, unable to build pressure above 1500#. Cleaned perf. of cement 4:15a. Pulled up 10 stds cire. until 7A.

2-4-54 Squeese #2

Squeeze #1

Squeezed perf's at 2861 w/75 sacks slow-set w/45 gel. Break down pressure w/water 2000# to 1600#. Max. squeeze pressure 3200#, final press. 2550#. Comp. @ 2115 p. Perf'd 2761 4 Jet SPF 3:30 p. 3:30 to 4:40 p ran Baker test tool set 2715, 4:40 to 7:15 broke fm2200#. Pumped 2B/H 1800#. Held 1550# steady on shut down, me returns. 7:15-8:45 pulled Baker test tool and ran Baker Model K Mag. Ret. set at 1834. Mixed 350 sacks Trinity inferno 45 . Max. pump pressure 1000# Comp. 10:30 p, no cement returns. Started out of hole, back flow 780' while coming out hole. Think hole at 858' maybe letting cement back into casing. WOC nippling up will run temperature survey.

7a to 8a nippleing up. 8a to 128con run temperature survey top cement 2-5-54 behind 7" casing at 900-950' very light kick. 12 Noon-12:30p ran Baker Model K magnesium retainer set at 820' found 7" casing had hole above retainer. 12:30 p to 4p pulled DP ran Baker test tool, and found hole in 7" sasing between 590 and 595'. Pulled test tool 4p to 5 p ran back in hole set in retainer at 820'. Mixed 50 sacks cement and pumped below retainer calculated to fill up behind 7" casing to 590". 5p to 6:45 p ran Baker test tool set at550°. Circ. out through hole in 7" at 590° until clean. 6:45-7:30 p pull test tool ran Baker Model K mag. ret. set at 550'. 7:30 p to 8:05 p mixed 175 sacks reg. portland cement. Est. circ. cement behind 7" casing to surface. Pulled DP completed 8:30 p. 8:30 to 74 WOC.

2-6-54

Perf. 7" & 9 5/8" cag. w/4 Jet SPF at 180'. Ran Baker test tool to 158' and eirc. through perf. hele into 13 3/8" csg. until clean. Run Baker Medel K Mag. Ret. set at 158'. Cemented w/74 sacks Portland common cement and circ. cement through bradenhead on 13 3/8" casing. Completed at 10:40 a 2-5-54 circ. appx. 6 sacks. WOC 12 hours. Started drilling ret. at 158' at 11p. Have 18" drilled at 7a using 4 DC and W7R bit. Will change bits to OWC or OWS.

2-7-54

Drilled retainers and cement to 2860' good solid cement. Bit #2 W7R (Bit #1 OWS) pulled at 858' Teeth broken. 7a to 9a drilled cement to 2-8-54 3025'. 9a to 1:30 p going in hole w/15 stands and circ. at 3890'. Disp. cement wtr with fresh wtr. 1:30-2p tested 7" csg. 500# 30 min. o.k. 2 p to 3:05p drilling Baker bridge plug. 3:05 p to 6p circulating kicked for I hour after drilling plug. 6-9:30 p made trip to remove junk bakt. and casing scraper. 9:30tellp reamed from 3930-4175'. 11p to 1A circ. on bottom. la to 2:30a pulled out of hole. 2:30 to 4:30 a changed BOP rams rig up to run 52" csg. 4:30a to 7A running 54 jts. 52" csg.

69-7p pulled Baker test tool, 7p to 7:30p Lane | ells perfid 2861 d Jet SPF. 7:30-8:30 ran Baker test tool set 2812. Broke fm 1500# and pumped in fm. 1500#. Shut down 15 min, Press-900#, no returns behind 7". 8:30-10:30 pulled Baker test tool 10:30-24 ran Baker Godel K Mag. Retainer set 2805. Broke fm. 1000# mixed 150 sacks Trimity Infermo w/4% gel started mix 2:18a finish mix 2:45a Avg. slurry 15°, press. end of mix. 1200#. Started staging at end cement mix for 2 hours with 15 mim. between stages pumping 1 bbl. on each stage, unable to build pressure above 1500#. Gleaned perf. of dement 4:15a. Pulled up 10 stds circ. until 7A.

...-1-54 Lewse**ze** #2

.[भ्रिक्ट इंटर हैंगे].

Squeezed perf's at 2861 w/75 sacks slow-set w/45 gel. Proak down pressure w/vster 2000# to 1600#. Max. squeeze pressure 3200#, final press. 2550#. Comp. @ 2115 p. Perf'd 2761 4 Jet SPF 3:30 p. 3:30 to 4:40 p ran Baker test tool set 2715, 4:40 to 7:15 broke fm2200#. Fumped 22/M 1800%. Held 1550# steady on shut down, we returns. 7:15-6:45 pulled Baker test tool and ran Paker Model K Mag. Ret. set at 1834. Mixed 350 sacks fraity inferno 4#. Max. pump pressure 1000# Comp. 10:30 p, no cement returns. Started out of hole, back flow 780 while coming out hole. Think hole at 858 maybe letting cement back into casing. WOO nippling up will run temperature survey.

73-5-5

7a to 8a nippleing up. 8a to 12%oon run temperature survey top cement behind 7" casing at 900-950' very light kick. 12 Moon-12:30p ran Baker Model K magnesium retainer set at 820' found 7" casing had hole above retainer. 12:30 p to 4p pulled DP ran Baker teat tool, and found hole in 7" casing between 590 and 595'. Fulled test tool 4p to 5 p ran buck in hole set in retainer at 820'. Mixed 50 secks cement and pumped below retainer calculated to fill up behind 7° casing to 590'. 5p to 6:25 p ran baker test tool set at550'. Circ. out through hole in 7" at 530' uptil clean. 6:45-7:30 p pull test tool ran Baker Model K ver. ret. set at 550'. 7:30 p to 8:05 p mixed 175 sacks reg. portland cement. Est. circ. cement behind 7" casing to surface. Fulled DP completed 8:30 p.

11 - -

Perf. 7" & 9 5/8" csg. w/4 Jet CPT at 180'. Ean Baker test tool to 158' and circ. through perf. tole into 13 3/8" csg. until plean. Fun baker Model K Hag. Ret. set at 158'. Gemented w/74 sacks Fortland common cement and circ. cement through bradenhead on 13 3/8" casing. Completed at 10:40 a 2-5-54 circ. appx. 6 sacks. WOO 12 hours. Started drilling ret. at 158' at 11p. Have 18" frilled at 7a using 4 DO and W7R bit. Will change bits to 0WO or 0WS.

75-1-2

70-C--

Orilled retainers and secont to 2860' good solid cement. Bit \$2 \$78 (Bit \$1 0 45) pulled at 358' Teeth broken. 7a to Se drilled cement to 3025'. 9e to 1:30 p going in hole \$\frac{1}{2}\$ stands and circ. \$\text{st}\$ 3890'. Dispose a cent with fresh wtr. 1:30-2p tested 7" csg. \$60\$ 30 min. \$\text{o.k.}\$ 2 \$\text{p}\$ in 3:05p drilling Baker bridge plug. 3:05p to Sp circulating kelcked for 1 hour after drilling plug. 6-9:30 p made wrip to remove from beat. are casing scraper. 3:30 tolly reamed from 3930-4175'. Hip to 1A circ. on hothom. 1a to 2:30a pulled out of hole. 2:30 to 4:30 a changed BOP reme rig

2-9-54	Ran and cemented 101 jts. w/350' Hydril plain 52 OD 15.50# J-55 csg.
	A CAME VALUE OF COLOR OF COLOR AND THE PROPERTY OF THE PROPERT
	MAN STUDIES OF CLIPE A WILLIA COMMENTING CAP 19 Laston
	AND AND A COLUMN
2-10-54	WOWN K I/O DE SINI COLLETES.
2-10-74	7a to 9:30a change rams in BOP. 9:30 - 12:30 p pick up 2" tubing.
	ALIGO ADMOD GLIGHLANGO, COMPLETAMO MOTTAR NEE AND ALILI Prince A
2-11-54	TOU YOURS DAY OF BEHILDER ALTZ LANG WOLLE ZOUNG HOLD I TOL COME LING LING
	TO THE POPULATION OF THE POPUL
	POPP AVADIDO 100 CL SECRET WAY, 25. The Image on Ames d and a
	TOP OF POST 100 27/2002 RUB TO TON TUBING head 7/CON Day Office and any
	and the souther of emotion 10' HE 442M. His world only and maniful in
2-12-54	#4. Prep to rig up swabbing unit. Rig released 3 P 2-10-54.
~	Tied in kmas tree to flow line, rig up swab unit. In 6 hours ending 6p
	swabbed 32 bbls. load water, trace of oil and gas, fluid level 800' to
	3900'. Shut in 12 hours end. 6a tubing 245#, csg pkr. Open 20/64 choke, flow line plugged with ice. Open to air failed to flow, will check flow
	line and continue swabbing.
2-13-54	7a-10a - thawing ice out of flow line, in 8 hrs. ending 6p swabbed
•	JO DULTO LITER WELST WITTERS OF ALL SMA SMOIL IMPROVED TO THE WAY
	2000' to 3600' - at 6a this a.m. tubing press. 400#, csg. pressure pkr.
	HOTT OTO HOLITORS
2-14-54	In 11 hours end. 5:30 p swabbed 13.55 bbls. oil and 29.31 bbls. water.
	The rate Toon-loon . W copies look day like open on 3//6/8 appr
	NEW WORLD HOUSE TIERS
2-15-54	In 10 hrs. ending 5p swabbed 35 bbls. fluid est. 25% oil fluid level
	Bar down and induced yeary line Spray of oil. Ran such check fluid laws
2 3 6 11	
2-16-54	Emplowhoushoemdfhgioplewabbed 35 bbls. fluid est. 25% oil, fluid level
	would be took a could ou selve well making about stands and and the
2-17-54	
	MOUNT WILL JU MILLS GRILLIAN NEEDS A.M. and died muchhad a beams and an a
	bbls. fluid 25% oil. Shut in tubing pressure 5 P 600% at 6 a. m. today 660%, open on 1/2" choke and blew down to 350%. Flow line plug w/ice
	shut in until line thaws.
2-18-54	Gleaned out flow line plugged with scale and paraffin. Open on 1/2"
	CHORE LIGHTED JACK DDIE. AS I AND CHARLOW CO. AS A Charl day I
	OPER OU A/A GROSS DIESS AUGS, FLAUGH 5 A3 KNI, Plants and desired and
	tubing pressure 300%, cag pkr open 1/2" choke. Blew down to 0% would not
	flow. Will install intermitter today.
	ें प्राप्त प्राप्त के किस करवा है 🐨

ren and communted 101 jts. w/350' Hydril plath Siron 19.50/ 4-55 cog. Porastion took 8 bbls. water while sire. I hr. before cementing, and had complete circ. while cementing. Sot 12 hours ran temperature survey, shecked top cenent behind 5% cag at 29001. Nippling up, now loting down 2.7/3 DP and collars. 7a to 9:30a change runs in BOP. 9:30 - 12:30 p pick up 2" tubing. `(`**-**-)!`--: 12:30-45 test 54" osg. 800# 30 min. o.k. 25-45 - drilled plug 4129-4172. Ap-6p circulated. 6p-7:15-p pulled bit and tubing. 7:15p-3a ran Garma Say & Nentron 4172 Lane Wells. Sa-7a porf. 4 Jot SPF (100-4126. 6 4136-4165 prep to run the. and par for completion. Han 24 BUE the 13-11-S seat 4018.35. Top of enchor 3987.25. Top American type 5 pkr 3981.38. Top of perf. jt. 3975.25. FDB to top tubing head 7190%. Ran Otis collar stop in collar of acohor jt. at 39871. Hig moved out and moving in on #4. Prep to rig up swebbing unit. Hig released 3 P 2-10-54. Ried in Kmas tree to flow line, rig up swab unit. In 6 hours emiing 6p 13-15-2 swebbed 32 bbls. load water, trace of oil and gas, fluid level 800 to 39001. Shut in 12 hours end. be tub ng 2154, org pir. Open 20/64 choke, flow line plugged with ice. (pen to mix failed to flow, will check flow ine and continue swabbing. 7s-10s - thawing ice out of flow line, in 8 hrs. suding be subbed 17-1-38 bols. fresh water w/trace of oil and small increase of gas. 1.1. 2000' to 3600' - at 6a this a.m. tubing press. 400%, esg. pressure plan. Well did not flow. In 11 hours end. 5:30 p swabbed 13.55 bbio. oil and 29.91 Fahr. sader. 2-11-54 Pluid level 1800-38001. The tubing 560%, csg pir open on 24,640 omoise. May down would not flow. In 10 hrs. ending 5p swabbed 35 pbls. Pluid est. 25% oil fluid level The way I have to 1500 - 38500. Ga tubing press. 620# ceg par. open on 24/64 choice. "lew down and flowed were fine apray of oil. Man sweb check fluid level .100ES da In 10 hours andiag 5p systemed 35 bols. fluid est. 25s oil, fluid level Milan Practi 2500-3350. Ta tabing pressure 680%, pur csg. Open on 24, 64 choke blee down to 100#. Open on 3%/64 choke well making steady flow of gas, with fine spray of oil. Tubing to-idus. Open well on 3/8" droke flowed 2 iteras and for the ending 8:30 a.m. and died swabbed 3 hours and ig 1 p. fluid Little Harris lavel 32501. Misnissed symboling unit I p.m. flower and symbols 5.42 bbls. fluid 25% oil. Shut in tubing pressure 5 P 600% at 6 a. m. today 560#, open on 1/2" choke and blev down to 350#. Flow I see ing witce shut in until line thaws. lleaned out flow line plagged with scale can paraffin. Open on L/2" 13 ... " [....] choke flows 1 5.42 bels. oil and died 9:45 a. Shut in to pressure us, open on 1/2º choire press 400%. Flowed 5.42 this. fluid and died. 5:30 a babing pressure 300%, and plan apen 1/24 abole. How down to 0% would eart tlow. Will insual) dependition today.

2-19-54 Shut in 7:30 a to ap installing GOT intermitter. Ap tubing 200#, open on 1/2" choke would not flow. Shut in 6 a tubing 180 # casing pkr open on 1/2" choke would not flow. Prep. to acidize w/1000 gals. 15% HCL N.E. and flush w/24 bbls. oil (Cardinal).

gals. 15% HCL N.E. and flush w/24 bbls. oil (Cardinal). Acidized perf. (4100-4126) & (4130-4165) with 1000 gals. 15% HCL no 2-20-54 emulsion under American Type S packer set at 3981. Acid on formation at 8:26 a in formation 8:35 a flush completed 8:45 a.m. BDP w/acid 1750#-1100# w/l2 bbls. in formation. Max. press. tubing 2000# casing 600-1400#. min. tubing 600#, final 900#. 2 min. shut in on vacuum. Min. inj. rate 6 bbls. per minute max. 3.6 bbls. per minute. Avg. 1.75 bbls. per min. Flushed w/28 bbls. oil, csg. press. indicates possible tubing coupling leak. Swabbed 2 hours ending 11:15 a started kicking. 3 hours ending 12:15 p swabbed and flowed 43.36 bbls. fluid. 80-90% oil and emulsion. Pulled swab placed on 3/8" choke, tubing pressure 260#, 1 hour end. 1:15 p on 3/8" choke flowed 18.97 bbls. fluid, 80% oil tubing press. 280#. In 18 hrs. ending 6:15 a on 3/8" choke flowed 95.85 bbls. fluid est. 20% acid and load water. Tubing press. 520#, csg. prk 500#, bled down after treatment from 1000# to 500#. From 4:15 p to 6:15 a avg. 4 bbls. per hr.

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