BUREAU OF LAND MANAGEMENT       Explose Nuesh 11, 567         WELL COMPLETION OR RECOMPLETION REPORT AND LOG.	FORM 3160-4					STATES					FORM APPROVED					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG.           A Model Decimination Analysis and Decimin Analysis and Decimination Analysis and Decimination A	( April 2004)			DEPARTMENT OF THE INTERIOR										/		
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1. Type of Wild       00 Weik       00 Wei	WE	LL COMPI	LETIO	<b>VOR REC</b>	COMPL	<b>ETION I</b>	KEPÖRÍ	AND L	ίΩ <u>Ğ</u>	<b>-</b> '·γ <b>-</b> "	1 7					
L1: Type of Vedit								**			1	Jicari	lla Contrac	:t155		
Auge       Auge       14 2014 Instruction       Joint County         b Type of Completion       Data and Different County       Data and Different County       Data and Different County       Data and Different County       Different County         0 Area of Operating, LLC       AUG 1 5 2014       Lances to Joint County Different County       Lances to Joint County       Different County       Differen		<b></b>		r	7			23.8			4 D.I		TTEE OD TRIDE	NAME		
	<ol> <li>Type of Weil</li> </ol>		ell X	Gas Well	Dry	Oth	er		: 1 /	1 2011	6. IN					
Out			ר	<b></b>	r		<b>—</b>					Jicaril	la Apache	Tribe		
Aur	<ol> <li>Type of Compl</li> </ol>	ction X	New Well	Workove	r L	Deepen	Plug Bac	k in of	╘╹┓	Diff. Resvr.	- 10	TT ACREEN	CNT			
OIL CONS. DIV DIST. 3           OIL CONS. DIV DIST. 3           OIL CONS. DIV DIST. 3           Cast of persiting. LLC           AUG 1 5 2014           Jack of persiting. LLC           AUG 1 For the fourth of persiting of p							[			• •			ICIN I			
2. Now of Operating         LC         AUG 1 5 2014         E. False Relation         E. False Relation           2. More of Departing, LLC         AUG 1 5 2014         E. False Relation         Internal Incontract 155 #20M           3. Addres         1001 Fanalin Street, Suite 800 Houston, TX 77002         713-659-3500         30.039-31215-4001 - DC           4. Lease for the Relation and a constance of the Inform operatorian         12011 FSL & 762" FWL Unit M, Sec 29, T26N, RSW         10. Finite Debates           Anthor         12011 FSL & 762" FWL Unit M, Sec 29, T26N, RSW         11. Exercise Constance         12. Exercise Constance           Anthor         12. Data 572 FSL & 671' FWL, Unit M, Sec 29, T26N, RSW         11. Exercise Constance         NM           14. Data Special         13. Data TD. Randel         ND         7275"         DR. Relation Finite Constance         NM           14. Topic Mark         7220"         10. A         X Relation Finite Constance         NM         Topic Type Constance         ND           14. Topic Mark         7220"         10. A         X Relation Finite Constance         ND         Topic Constance         ND           14. Topic Mark         7220"         ND         7275"         DR. Relation Finite Constance         ND         Topic Constance         ND           17. Type Electric & other Logs Run (Shumin topic Ope			Othe	r		ALC: TI	TPIN IN	<u>g`</u>		•••••		• •				
EnerVest Operating, LLC         AUG 1 5 2014         Incarilla Contract 155 #20M           3. Addres         Jackers         Jackers <td>1 Nove of Octor</td> <td><u></u></td> <td></td> <td></td> <td></td> <td>0N2.D</td> <td>A DIOIP</td> <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	1 Nove of Octor	<u></u>				0N2.D	A DIOIP	<u> </u>								
1       Address       1       Jack Prote No. (pechalic over code)       1/16/11/16							- 0.014				8. FA	RM OR LEA	SE NAME			
1       Address       1       Jack Prote No. (pechalic over code)       1/16/11/16	EnerVest Of	berating, LLC				AUG I	5 2014									
1001 Fanain Street, Suite 800 Houston, TX 77002         713-659-3500         30-039-31215-0001 - o c           4 Lossion 10160 factor Acuma acumator and accombarro and Protein Argonic Argonic Argonic Acuma acumator and Protein Argonic Argonic Acuma acumator and Protein Argonic Argonic Acuma acumator and Protein Argonic Acuma acumator and Protein Argonic Argonic Acuma acumator and Protein Argonic Acuma A	2 Add							luda anaa				_		55 #20M		
Locate of Web Rights Resolve during and a consistence with Feder (requerement)*         10         10         FEEL DARKE         Basin Darkots           A tracket         1201 FSL & 762* FWL Unit M, Sec 29, T26N, RSW         11         Sec. 29, T26N, RSW, UL         11.         Sec. 29, T26N, RSW, UL           At track dapting         1275* FSL & 762* FWL, Unit M, Sec 29, T26N, RSW         11.         Sec. 29, T26N, RSW, UL         11.         Sec. 29, T26N, RSW, UL         12.         CoURTY OF ARASH         11.         SEC. 29, T26N, RSW, UL         11.         SEC. 29, T26N, RSW, UL         12.         CoURTY OF ARASH         11.         SEC. 29, T26N, RSW, UL         12.         CoURTY OF ARASH         11.         SEC. 29, T26N, RSW, UL         12.         Call-6492*, KB-6505*         11.         TATE Dapk         NM         7320*         7275*         70.         Deptilizion Sign Resolver Dapk         Call-6492*, KB-6505*         11.         TATE Dapk         NM         7320*         TVD         7271*         TVD         70.         726*         MS			0.14.00	0 Yr	TN 880						9. Ar			001		
IZ01'FSL & 762' FWL Unit M, Sec.29, T26N, R5W         Atteg not lateral expend balant         Atteg not lateral expend balant expend from of lateral expend fro							/1	3-039-3	500		10 5			001-00		
Name         1201*ESL & 762* FWL Unit M, Sec.29, T26N, RSW         I         I         Sec. 29, T26N, RSW         I           At tog prod. tournal appends         1275* FSL & 671* FWL, Unit M, Sec 29, T26N, RSW         I         Sec. 29, T26N, RSW, UL         I           41         Das T,D. Roaded         IS. Daw T,D		n papari location en	unu mu		acrus reguin	cinemsy					10. 1			я		
Arte prod. larend report ledor       12.75' FSL & 671' FWL, Unit M, Sec 29, T26N. RSW       12. COUNTOR FABBIN       13. STATE         Ar mad depth       12.75' FSL & 671' FWL, Unit M, Sec 29, T26N. RSW       Rio Arriba County       NM         44       Das Syndad       15. Das T.D. Ranket       16. Date Completed 09/12/2014       12. ELEVATORS (0F. RSR. RT. GR. e.c.)*         4122/2014       4122/2014       D& A.X. Rady to Pod.       CL=6492', KB=6505'         412       Try patients (0F. RSR. RT. GR. e.c.)*       D& A.X. Rady to Pod.       CL=6492', KB=6505'         11. Trype Electric & other Lags Run (Sabmit a copy of cach)       Casing and Liner Rocood (Report all arrings set in well)       22. Was well core?       No       No         23. Casing and Liner Rocood (Report all arrings set in well)       Stage County (10. Trype 11. Line)       Anno       73.12       Surf (circ)         24.11/41       10.64       0       73.9'       (10.90 Boomed/00)       Stage County (10.10)       Count Core       Anno         25. Casing and Liner Rocood (Report all arrings set in well)       Via (10.00 Boomed/00)       Stage County (10.10)       Count Core       Anno       73.12       Surf (circ)       Anno         26. Tubing Record       Via (10.00 Boomed/00)       Stage County       Anno       Anno       Anno       Anno       Anno       Anno       Ano	At surface		1201'FSI	L & 762' FV	VL Unit	M, Sec.29	, T26N, R5V	N				EC. T, R, M.,				
At souid depth     1275° FSL & 671° FWL, Unit M, Sec 29, T26N, R5W     12. CUSHY 06 PAREN     13. Strike       14     Date Syndood     15. Date T.D. Rashed     16. Date Completed 08/12/2014     17. ELFVATIONS (0F, RAR, R.G. R.C., °       14     Date Syndood     15. Date T.D. Rashed     16. Date Completed 08/12/2014     17. ELFVATIONS (0F, RAR, R.G. R.C., °       16. Teal Depth     M0     72001     19. Pile back T.D.:     M0     72271     10. Depth Bridge Plag Set     M0       17. Type Electric & other Logs: Run (Submit a copy of each)     GR/CCL/CBL/RMT     12. Wai self acers?     NN     Yes (Submit acepsite acers)       12. Casing and Liner Record (Report all strings set in well)     GR/CCL/CBL/RMT     12. Wai self acers?     NN     Yes (Submit acepsite acers)       12. Trike     17. Ref. No     12. Submit Coll Clectronically to OCD)     Sage Center Depth     No of Sa. 4. Type d     Sun Y dc (Bol)     Center Tep*     Annotably       12. Trike     11. Coll     0     7310 <sup>2</sup> 2241/14141     1201 as     431     Surf Clerk)     7317     Surf Clerk)       13. Tubing Record     Tripe Sam     Sage Center Depth Set (MD)     Same Depth Set (MD)     Same Depth Set (MD)     Same Center Tep*     Annotably       13. Tubing Record     Tripe Sam     Sage Center Depth Set (MD)     Same Center Tep*     Annotably     Same Center Tep* <td>At top prod. Interval</td> <td>reported below</td> <td></td>	At top prod. Interval	reported below														
Index         Date Spanded         15.         Date T.D. Readed         16.         Date Completed 08/12/2014         17.         ELEVATIONS (PR R.R. R.T. G. e.c.)*           4/22/2014         4/29/2014         D.& A         X. Ready to Prod.         17.         ELEVATIONS (PR R.R. R.T. G. e.c.)*           18.         Total Depti.         M.D.         7320'         19.         Production Endoce         M.D.         7275'         20.         Depti. Bindge Plag. Set.         M.D.           11.         Type Electric & other Logs Run (Submit a copy of each)         Cal.         GR/CCL/CBL/RMT         Ver. (Salmit raped)           (previously submitted electronically to OCD)         22.         Was voll constr.         No.         Type (Galemi audusis           12.         Med Size         Sale Constr.         Sale Constr.         Yer. (Galemi audusis           12.         Med Size         Sale Constr.         Yer.         Sale Constr.         Yer. (Galemi audusis           12.         Med Size         Sale Constr.         Yer.         Sale Constr.         Yer.         Yer.         Sale Constr.         Yer.         Yer.         Sale Constr.         Yer.         Sale Constr.         Yer.         Yer.         Sale Constr.         Yer.         Yer.         Sale Constr.         Yer.         Yer. <td>- •</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>12.</td> <td>COUNTY OF</td> <td>PARISH</td> <td>13. STATE</td>	- •	-									12.	COUNTY OF	PARISH	13. STATE		
Index         Date Spanded         15.         Date T.D. Readed         16.         Date Completed 08/12/2014         17.         ELEVATIONS (PR R.R. R.T. G. e.c.)*           4/22/2014         4/29/2014         D.& A         X. Ready to Prod.         17.         ELEVATIONS (PR R.R. R.T. G. e.c.)*           18.         Total Depti.         M.D.         7320'         19.         Production Endoce         M.D.         7275'         20.         Depti. Bindge Plag. Set.         M.D.           11.         Type Electric & other Logs Run (Submit a copy of each)         Cal.         GR/CCL/CBL/RMT         Ver. (Salmit raped)           (previously submitted electronically to OCD)         22.         Was voll constr.         No.         Type (Galemi audusis           12.         Med Size         Sale Constr.         Sale Constr.         Yer. (Galemi audusis           12.         Med Size         Sale Constr.         Yer.         Sale Constr.         Yer. (Galemi audusis           12.         Med Size         Sale Constr.         Yer.         Sale Constr.         Yer.         Yer.         Sale Constr.         Yer.         Yer.         Sale Constr.         Yer.         Sale Constr.         Yer.         Yer.         Sale Constr.         Yer.         Yer.         Sale Constr.         Yer.         Yer. <td>At total depth</td> <td></td> <td>1275' F</td> <td>SL &amp; 671' I</td> <td>FWL, U</td> <td>nit M, Sec</td> <td>29, T26N. F</td> <td>5W</td> <td></td> <td></td> <td></td> <td></td> <td><u></u></td> <td></td>	At total depth		1275' F	SL & 671' I	FWL, U	nit M, Sec	29, T26N. F	5W					<u></u>			
4/22/2014         J2 A         X         Rady to Prod.         GL=6492', KB=6505'           18. Toal Diplit         ND         7320'         19. Flig bod'T.D.: TVO         ND         7275'         20. Diplit Bidge Plag Set: MD         MD         TVO           11. Type Electric & other Logs Run (Submit a copy of each) GRCCL/CBL/RMT         22. Wis well over?         No         TVO	<del></del>															
4/22/2014         4/22/2014         GL=6492', KB=6505'           18. Tool Days         MD         7320'         19. Brajk Brage Reg. Sct.         MD           11. Toype Electric & other Logs Run (Submit a copy of each) GR/CCL/CBL/RMT         XIV         7271'         20. Daysh Bradge Reg. Sct.         MD         True           21. Type Electric & other Logs Run (Submit a copy of each) GR/CCL/CBL/RMT         ZV         Wa well cond?         YNV         YNVV         YNV	14. Date Spudded	15.	Date T.D. R	cached							17. E	LEVATIONS	(DF, RKB, RT,	GR, etc.)*		
It. Toul Dept:       ND       7320'       ID       Plug back T.D.:       ND       7275'       ID       Depti Bridge Plug Sec       MD         21.       Type Electric & dother Logs Run (Submit a copy of each) (previously submitted electronically to OCD)       22.       Was well event?       X       No       Ver (Submit eacly of run ?       X       No       Ver (Submit eacly of run ?       No       No       No       Ver (Submit eacly of run ?       No       No </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>)&amp;A X</td> <td>Ready to</td> <td>Prod.</td> <td></td> <td></td> <td><u> </u></td> <td>40.01</td> <td>&lt; = c = -</td>						1	)&A X	Ready to	Prod.			<u> </u>	40.01	< = c = -		
India         Table         India         Table         India         Table           21         Type Electric & other Logs Run (Submit a copy of each) GR/CCL/CBL/RMT         22.         Was used const?         X         No         Ves (Salumi seakyis used)           23.         Casing and Liner Record (Report all strings set in well)         Use Status is used to method (GR/CCL/CBL/RMT         Ves (Salumi seakyis used)         Ves (Salumi seakyis used) <td></td> <td></td> <td></td> <td></td> <td>+ T D :</td> <td></td> <td></td> <td><u></u></td> <td>120</td> <td>Dent D</td> <td>an Di C</td> <td></td> <td></td> <td>0505'</td>					+ T D :			<u></u>	120	Dent D	an Di C			0505'		
21.       Type Electric & other Logs Run (Submit a copy of each) GR/CCL/CBL/RMT (previously submitted electronically to OCD)       22.       War well cores?       ∑ No       ∑ Yes (Sabaii seakyis weat 037 nea?)         23.       Casing and Liner Record (Report all strings set in well)       Was 037 nea?)       No       ∑ Was (With)       Directional Survey?       No       ∑ Yes (Sabaii copy)         23.       Casing and Liner Record (Report all strings set in well)       Bostow (WD)       No       Stage Center Upp)       No       Stage Yes (Sabaii copy)         12.144"       Stage Casing and Liner Record (Report all strings set in well)       Bostow (WD)       No       Stage Casing Yes (Sabaii copy)         12.144"       Stage Casing Yes (MD)       No       658.4 Stype (II cmit 73 1/2).2 Surf (circle)       2/3.2 Surf (circle)         77/8"       4 1/2 N-80       11.6#       0       7319'       2241/4141'       1201 st       4331       CBL         24.       Tubing Record       Frader Depth (MD)       Size       Depth Set(MD)       Pacter Depth (MD)       Size       <	roan Depun:			17. Plug bac	a 1.0.:				<b> </b> <sup>20</sup>	. осраняла	ige ring Set:					
GRVCL/CBL/RMT         (previously submitted electronically to OCD)         Wa DST na?         Directional Survey?         No       C/stame report         Directional Survey?       No       C/stame report         Directional Survey?       No       C/stame report         Directional Survey?       No       C/stame report         Directional Survey?       No       C/stame report         Directional Survey?       No       C/stame report         Directional Survey?       No       C/stame report         Directional Survey?         No       C/stame report         Directional Survey?       No       C/stame report         Directional Survey?       No       C/stame report         Or Colspan="2">Costing report         Survey (D/stame report)         Directional Survey?       No       C/stame report         Survey (D/stame report)         Survey (D/stame report)         Directional Survey?       Packer Depth (MD)       Stame       Depth Stame report          Tothing Record			1310	<u> </u>		TVD	121	1		·		TVI	,	···· ·· -· -· -·		
GR/CCL/CBLRMT           (previously submitted electronically to OCD)           Wat DST m?         [No         [No <th [no<<="" colspan="2" td=""><td>21. Type E</td><td>lectric &amp; other I</td><td>Logs Run (</td><td>Submit a cop</td><td>v of each)</td><td>1</td><td></td><td></td><td>22.</td><td>Was well</td><td>cored?</td><td>X No</td><td>Yes (</td><td>Submit analysis</td></th>	<td>21. Type E</td> <td>lectric &amp; other I</td> <td>Logs Run (</td> <td>Submit a cop</td> <td>v of each)</td> <td>1</td> <td></td> <td></td> <td>22.</td> <td>Was well</td> <td>cored?</td> <td>X No</td> <td>Yes (</td> <td>Submit analysis</td>		21. Type E	lectric & other I	Logs Run (	Submit a cop	v of each)	1			22.	Was well	cored?	X No	Yes (	Submit analysis
(previously submitted electronically to OCD)           Was DST nut?         No         Type (II)           Descing and Liner Record (Report all strings set in well)           Descing and Liner Record (Report all strings set in well)           Descing Stud? Onder Wy (MA)         Stud? Onder Wy (MA)         Stud? Onder Wy (MA)         Concern Topy Another Topy An	21		-	•	• •				1			أسينا				
(previously submitted electronically to OCD)           Dimeninal Survey?         No         No<			GR	UCL/CDL	<i>4</i> KIVI I					W 067	•	Let by	<b>[</b> ]	<b>6 1</b> 1 1 1		
Durchtmal Survey?       No       K_       Yee       (Submit Gog)         23.       Casing and Liner Record (Report all strings set in well)       Top (MD)       Bate Society       No. of Sis. & Fryge of       Stury Val. (Bb)       Cenemt Top*       Amount         12.1/4"       8.5/8", J-55.       24/4       0       525       227 strype of       Stury Val. (Bb)       Cenemt Top*       Amount         12.1/4"       8.5/8", J-55.       24/4       0       73.9"       241/2141       1201 st       73.12       Sturf (circ)         7/8"       4.1/2 N-80       11.6#       0       73.9"       221/2141       1201 st       73.12       Sturf (circ)         2.4       Tubing Record           Type 11 <td< th=""><th></th><th>, .</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Was DST</th><th>nun?</th><th>·X NO</th><th></th><th>Submit report)</th></td<>		, .								Was DST	nun?	·X NO		Submit report)		
2. Casing and Liner Record (Report all strings set in well)           Held Size         Size Orals         Well (Bb)         Cannot Top*         Answith 121/4"           121/4"         8 5/8", J-55,         244/         0         525'         297 as: Type (II lemit 73 1/2         Surf (circ)         7           77/8"         4 1/2 N-80         11.6#         0         7319'         2241'/414'         1201 sx         431         CBL           77/8"         4 1/2 N-80         11.6#         0         7319'         2241'/414'         1201 sx         431         CBL           7         1.6#         0         7319'         2241'/414'         1201 sx         431         CBL           2.4         Tubing Record         Type III         1 <td></td> <td>(previ</td> <td>iously sub</td> <td>omitted elect</td> <td>ronically</td> <td>to OCD)</td> <td></td> <td></td> <td>1</td> <td>Directiona</td> <td>  Survey?</td> <td></td> <td></td> <td>Submit conv)</td>		(previ	iously sub	omitted elect	ronically	to OCD)			1	Directiona	Survey?			Submit conv)		
Hels Size         Size/ Grade         Wit (HIA)         Top (MD)         Besternier Deph         No. of Size. 4: Type of Sizer Vol. (Bib)         Coment Top*         Amount Top           12.1/4"         8.5/8", J-55.         24#         0         525"         297 sx Type III emit         73 1/2         Surf (circ)         Surf (circ)         297 sx Type III emit         73 1/2         Surf (circ)         -         -         -         201 sx         431         CBL           77/8"         4 1/2 N-80         11.6#         0         73 19"         2241'/4141'         1201 sx         431         CBL           77/8"         4 1/2 N-80         11.6#         0         73 19"         2241'/4141'         1201 sx         431         CBL           7         Tubing Record         Trubing Record         -										Direction	1 541 103 1					
12 1/4"       8 5/8", J-55.       24#       0       525"       297 sx Type III ent       73 1/2       Surf (circ)         77/8"       4 1/2 N-80       11.6#       0       7319"       2241'/4141'       1201 sx       431       CBL         77/8"       4 1/2 N-80       11.6#       0       7319"       2241'/4141'       1201 sx       431       CBL         1       1.6#       0       7319"       2241'/4141'       1201 sx       431       CBL         2.1       Tubing Record       1.6#       0       7319"       2241'/4141'       1201 sx       431       CBL         2.4       Tubing Record       1.5#       Depth Sct (MD)       Packer Depth MD       Size       Depth Sct (MD)       Size       Depth Sct (MD)       Packer Depth MD       Size       Depth Sct (MD)       Packer Depth Sct (MD)       Size       Depth Sct (MD)       Size <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																
7 7/8"       4 1/2 N-80       11.6#       0       7319'       2241'/4141'       1201 sr.       431       CBL         1       (log depth)							) Stage Ceme	nter Depth								
24.       Tubing Record         23.       Tubing Record         3 stages       3 stages         23.       Tubing Record         23.       Trype III         23.       Trype III         23.       Trype III         23.       Trype III         23.       Producing Intervals         23.       Producing Intervals         23.       Producing Intervals         24.       Tarp         25.       Producing Intervals         26.       Perforation Record         Producing Intervals         26.       Perforation Record         Producing Intervals         27.       ColdPracture Treatment, Cement Squeeze, Etc.         Datota         Opent Interval A         Datota         Datota         Datota         Ancid Fracture Treatment, Cement Squeeze, Etc.         Depute Interval A         Datota         Datota         Ancid Fracture Treatment, Cement Squeeze, Etc.         Depute Interval A         Datota         Datota			+											)		
Image: State in the set of the set	1 //8"	4 1/2 N-80	11.0	0# <u>0</u>		7319	<u></u>				4	31	CBL			
24.       Tubing Record         Site       Depth Sct (MD)       Packer Depth (MD)       Site       Depth Sct (MD)       Packer Depth (MD)         2.3/8"       7175"       26.       Perforation Record         23.       Producing Intervals       26.       Perforation Record         Formation       Top       Bottom       Perforated Interval       Size       No. of Holes       Perf. Status         A)       Dakota       6998"       7320"       7002"-7047"       0.40"       33       Open         B)       Dakota       6998"       7320"       7134"-7226"       0.40"       40       Open         Ci								epui)	· · · · ·				<u> </u>			
24.       Tubing Record         Size       Depth Sct (MD)       Packer Depth (MD)       Size       Depth Sct (MD)       Packer Depth (MD)         2.3.9°       T175°       2       1000       Size       Depth Sct (MD)       Packer Depth (MD)       Size       Depth Sct (MD)       Depth Sct (MD)       Depth Sct (MD)	<u> </u>					·				· · · · · · · · · · · · · · · · · · ·			<u> </u>			
24.       Tubing Record         Size       Depth Sct (MD)       Packer Depth (MD)       Size       Depth Sct (MD)       Size       Depth Sct (MD)       Packer Depth (MD)       Size       Depth Sct (MD)       Size <thd< td=""><td></td><td><u> </u></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>┣━━━━━</td><td></td></thd<>		<u> </u>											┣━━━━━			
Size       Depth Set (MD)       Packer Depth (MD)       Size       Depth Set (MD)       Size       Depth Set (MD)       Packer Depth (MD)         23/8"       7175"       26       Perforation Record         Size       26. Perforation Record         Forducting Intervals         Size       No. of Holes       Perf. Status         Porducting Intervals         Size       No. of Holes       Perf. Status         Porducting Intervals         Bottom       Perforation Record         Bottom       Perf. Status         Dakota       6998'       7320'       7134'-7226'       0.40''       40       Open         Cl         Dakota       6998'       Cl       Perf. Status         Opth laterval         Actiol, Fracture Treatment, Cement Squeeze, Etc.         Datota         Actious Interval         Outclion- Interval A         Dato First       1,000 gl. 15% HCl w/balls, frac w/149,000 gl. 20# gel & 140,000 #20/40 sand         Cl         Dato First       Flow-casing         Production -	24 Tubing	Pecord		<u>l</u>						5 stages			L			
2 3/8"       7175'         23. Producing Intervals       26. Perforation Record         Formation       Top       Botton       Perforated Interval       Size       No. of Holes       Perf. Status         A)       Dakota       6998'       7320'       7002'-7047'       0.40''       33       Open         B)       Dakota       6998'       7320'       7134'-7226'       0.40''       40       Open         Ci			)) Par	ker Denth (MD)	6	7#	Denth Set (MD)	Packe	r Denth (	MD)	Size	Den	th Set (MD)	Packer Denth		
25.       Producing Intervals       26.       Perforation Record         Formation       Top       Bottom       Perforated Interval       Size       No. of Holes       Perf. Status         A)       Dakota       6998'       7320'       7002'-7047'       0.40''       33       Open         B)       Dakota       6998'       7320'       7134'-7226'       0.40''       40       Open         Ci		+						-								
Formation         Top         Bottom         Perforated Interval         Size         No. of Holes         Perf. Status           A)         Dakota         6998'         7320'         7002'-7047'         0.40''         33         Open           B)         Dakota         6998'         7320'         7134'-7226'         0.40''         40         Open           C)			<b>i</b>							l						
A)       Dakota       6998'       7320'       7002'-7047'       0.40''       33       Open         B)       Dakota       6998'       7320'       7134'-7226'       0.40''       40       Open         C)	25. Produc				T							• · -	1			
B)     Dakota     6998'     7320'     7134'-7226'     0.40''     40     Open       C)     Di     Di     Di     Di     Di     Di     Di       27.     Acid,Fracture Treatment, Cernent Squeeze, Etc.     Dopb Interval     Amount and Type of Material     Imount and Type of Material       7002'-7047'     1,000 gl. 15% HCl w/balls, frac w/149,000 gl. 20# gel & 141,620 #20/40 sand     7134'-7226'     Imount and Type of Material       7134'-7226'     1,000 gl. 15% HCl w/balls, frac w/163,000 gl. 20# gel & 160,000 #20/40 sand     7134'-726'     Imount and Type of Material       7134'-7226'     1,000 gl. 15% HCl w/balls, frac w/163,000 gl. 20# gel & 160,000 #20/40 sand     Tisk HCl w/balls, frac w/163,000 gl. 20# gel & 160,000 #20/40 sand       28.     Production- Interval A     Date First     Test Date     Froduction     0     96     10.5     Flow-casing       8/7/2014     8/9/2014     6     Oil Bbl     Gas     Water     Gas: Oil Ratio     Well Status       64     S1     N/A     136     0     383     41.8     Ready to produce       28.     Production- Interval B     Date First     Production     Gas: Gravity     Production Method       70a     S1     N/A     136     Oil Bbl     Gas: Bbl     Oil Gravity: Corr. API     Gas: Gravity     Production Meth									<u> </u>		N		FF			
Ci       Di       Di       Di         27.       Acid,Fracture Treatment, Cement Squeeze, Etc.       Amount and Type of Material         Topub Interval         Amount and Type of Material         Tou2'-7047'         1,000 gl. 15% HCI w/balls, frac w/149,000 gl. 20# gel & 141,620 #20/40 sand         7134-7226'         1,000 gl. 15% HCI w/balls, frac w/163,000 gl. 20# gel & 160,000 #20/40 sand         28.         Production- Interval A         Date First         Produced       8/9/2014         6         Ol Gravity         Production       From         Ol Gas         Water         Bol       Gas         MCF       Bol         Bol       Corr. API         Flow,       Flow-casing         64       SI         N/A       136         Oli Bbl         Oas       Water         Bol       Corr. API         Bol       Gas         MCF       Bol         Bol       Oli Bbl         MCF       Bol <td colspa<="" td=""><td></td><td></td><td></td><td colspan="3"></td><td colspan="3"></td><td></td><td></td><td></td><td><u>├</u></td><td></td></td>	<td></td> <td></td> <td></td> <td colspan="3"></td> <td colspan="3"></td> <td></td> <td></td> <td></td> <td><u>├</u></td> <td></td>													<u>├</u>		
D)       27. Acid,Fracture Treatment, Cerrent Squeeze, Etc.         Depth Interval       Amount and Type of Material         7002'-7047'       1,000 gl. 15% HCl w/balls, frac w/149,000 gl. 20# gel & 141,620 #20/40 sand         7134'-7226'       1,000 gl. 15% HCl w/balls, frac w/163,000 gl. 20# gel & 160,000 #20/40 sand         28.       Production- Interval A         Date First       Test Date         Production       0         96       10.5         Choke Size       Tog. Press         Five,       136         703       Test Date         Production       0         96       10.5         Ready to produce         28.       Production- Interval A         Date First       Tog. Press         Five,       Cag         64       S <sup>1</sup> N/A       136         Date First       Test Date         Production       0         383       41.8         Ready to produce         28a.       Production         Production       Press.         Production       Oil Bbl       Gas         MCF       Bbl       Oil Gravity         Oil Gravity       Cor. API       Pr		Dakota		0998	+ 73	4U'	/134-7/	.20		0,40	·	40	<u> </u>	Open		
27.       Acid.Fracture Treatment, Cement Squeeze, Etc.         Depth tuterval         7002'-7047'       1,000 gl. 15% HCl w/balls, frac w/149,000 gl. 20# gel & 141,620 #20/40 sand         7134'-7226'       1,000 gl. 15% HCl w/balls, frac w/163,000 gl. 20# gel & 160,000 #20/40 sand         28.       Production- Interval A         Date First       Test Date         Production       Hours Tested         0'i       Bbl         0'i       Bbl         0'i       Bbl         Choke Size       Tbg. Press         Fives,       Cig Press.         28.       Production- Interval A         0       96         10.5       Flow-casing         Choke Size       Tbg. Press         Fives,       Cig Press.         24 Hr. Rate       Oil Bbl         Oil Bbl       Gas         MCF       Bbl         0       383         41.8       Ready to produce         28.       Production         Production       Test Date													<u> </u>			
Amount and Type of Material         TO02'-7047'         1,000 gl. 15% HCl w/balls, frac w/149,000 gl. 20# gel & 141,620 #20/40 sand         7134'-7226'       1,000 gl. 15% HCl w/balls, frac w/163,000 gl. 20# gel & 160,000 #20/40 sand         28. Production- Interval A         Date First       Fest Date       Hours Tested       Test       Oil Bbl       Gas       Gravity       Production Method         8/7/2014       6				<u> </u>	<u> </u>					<u></u>			l	<u></u>		
7002'-7047'         1,000 gl. 15% HCl w/balls, frac w/149,000 gl. 20# gel & 141,620 #20/40 sand           7134'-7226'         1,000 gl. 15% HCl w/balls, frac w/163,000 gl. 20# gel & 160,000 #20/40 sand           28.         Production- Interval A           Date First         Test Date           Produced         Hours Tested           8/7/2014         6           96         10.5           Cheke Size         Tbg. Press           Five.         Cil           64         SI           N/A         136           0il         Bbl           Oate First         Production- Interval B           Date First         Five.           First         Forduction- Interval B           Obil Bbl         Gas           MCF         Bbl           Oate First         Forduction- Interval B           Date First         Test Date           Production         Oil Bbl           MCF         Bbl           Oil Bbl         Gas           MCF         Bbl           Oil Gravity         Production Method           Production- Interval B         Oil Bbl           Date First         Production           Production         Gas			mi, Cemen	a squeeze, Et	c			A	and To	a of Marriel						
7134'-7226'         1,000 gl. 15% HCl w/balls, frac w/163,000 gl. 20# gel & 160,000 #20/40 sand         28. Production- Interval A         Date First       Test Date       Hours Tested       Test Production       Oil Bbl       Gas       Water       Oil Gravity       Gas Gravity       Production Method         8/7/2014       8/9/2014       6        0       96       10.5       Flow-casing       Flow-casing         Choke Size       Tbg. Press       Csg       Press.       24 Hr. Rate       Oil Bbl       Gas       Water       Gas: Oil Ratio       Well Status         64       S1       N/A       136        0       383       41.8       Ready to produce         28a.       Production- Interval B        0       383       41.8       Ready to produce         28a.       Production       Interval B        Oil Bbl       Gas       Gas       Gas: Oil Ratio       Production Method         Produced       Test Date       Hours Tested       Test       Oil Bbl       Gas       Water       Oil Gravity       Corr. API         Choke Size       Tbg. Press       Csg       Press.       24 Hr. Rate       Oil Bbl       Gas       <		Depth Interval														
28. Production- Interval A         Date First       Test Date       Hours Tested       Test Production       Oil Bbl       Gas       Water       Oil Gravity       Gas       Gas       Forduction       Production         8/7/2014       8/9/2014       6        0       96       10.5        Gas       Gas       Flow-casing         8/7/2014       8/9/2014       6        0       96       10.5        Flow-casing         Choke Size       Tbg. Press       Csg       Press.       24 Hr. Rate       Oil Bbl       Gas       Water       Gas: Oil Ratio       Well Status         64       SI       N/A       136        0       383       41.8       Ready to produce         28a.       Production- Interval B        Oil Bbl       Gas       MCF       Bbl       Oil Gravity       Production Method         Produced       Test Date       Hours Tested       Test Production       MCF       Bbl       Oil Gravity       Corr. API       Gas       Gas Gravity       Production Method         Choke Size       Tbg. Press       Fisse       Yess       Oil Bbl       Gas       MCF       Bbl       Oil Gravity																
Date First Produced     Test Date     Hours Tested     Test Production     Oil Bbl     Gas MCF     Water Bbl     Oil Gravity Corr. API     Gas Gravity     Production Method       8/7/2014     8/9/2014     6      0     96     10.5     Gas     Gas Gravity     Flow-casing       Choke Size     Tbg. Press     Csg     Press.     24 Hr. Rate     Oil Bbl     Gas     Water Bbl     Gas: Oil Ratio     Well Status       64     SI     N/A     136     0     383     41.8     Ready to produce       28a.     Production     Hours Tested     Test Production     Test Production     Oil Bbl     Gas MCF     Water Bbl     Oil Gravity Gas: Oil Ratio     Gas Gravity     Production Method       Choke Size     Tbg. Press Flwg. Sl     Csg     Press.     24 Hr. Rate     Oil Bbl     Gas MCF     Water Bbl     Oil Gravity Corr. API     Gas Gravity     Production Method       Choke Size     Tbg. Press Flwg. Sl     Csg     Press.     24 Hr. Rate     Oil Bbl     Gas MCF     Water Bbl     Gas: Oil Ratio     Well Status     CEPTED FOR RECORD	7134'-7226'		;	1,000 gl. 15%	HCl w/ba	lls, frac w/1	63,000 gl. 20#	gel & 16	60,000	#20/40 si	nd					
Date First Produced     Test Date     Hours Tested     Test Production     Oil Bbl     Gas MCF     Water Bbl     Oil Gravity Corr. API     Gas Gravity     Production Method       8/7/2014     8/9/2014     6      0     96     10.5     Gas     Gas Gravity     Flow-casing       Choke Size     Tbg. Press     Csg     Press.     24 Hr. Rate     Oil Bbl     Gas     Water Bbl     Gas: Oil Ratio     Well Status       64     SI     N/A     136     0     383     41.8     Ready to produce       28a.     Production     Hours Tested     Test Production     Test Production     Oil Bbl     Gas MCF     Water Bbl     Oil Gravity Gas: Oil Ratio     Gas Gravity     Production Method       Choke Size     Tbg. Press Flwg. Sl     Csg     Press.     24 Hr. Rate     Oil Bbl     Gas MCF     Water Bbl     Oil Gravity Corr. API     Gas Gravity     Production Method       Choke Size     Tbg. Press Flwg. Sl     Csg     Press.     24 Hr. Rate     Oil Bbl     Gas MCF     Water Bbl     Gas: Oil Ratio     Well Status     CEPTED FOR RECORD													<u></u>	·		
Date First Produced     Test Date     Hours Tested     Test Production     Oil Bbl     Gas MCF     Water Bbl     Oil Gravity Corr. API     Gas Gravity     Production Method       8/7/2014     8/9/2014     6      0     96     10.5     Gas     Gas Gravity     Flow-casing       Choke Size     Tbg. Press     Csg     Press.     24 Hr. Rate     Oil Bbl     Gas     Water Bbl     Gas: Oil Ratio     Well Status       64     SI     N/A     136     0     383     41.8     Ready to produce       28a.     Production     Hours Tested     Test Production     Test Production     Oil Bbl     Gas MCF     Water Bbl     Oil Gravity Gas: Oil Ratio     Gas Gravity     Production Method       Choke Size     Tbg. Press Flwg. Sl     Csg     Press.     24 Hr. Rate     Oil Bbl     Gas MCF     Water Bbl     Oil Gravity Corr. API     Gas Gravity     Production Method       Choke Size     Tbg. Press Flwg. Sl     Csg     Press.     24 Hr. Rate     Oil Bbl     Gas MCF     Water Bbl     Gas: Oil Ratio     Well Status     CEPTED FOR RECORD																
Produced     8/7/2014     8/9/2014     6     Production     MCF     Bbl     Corr. API       Choke Size     Tbg. Press     Csg. Press.     24 Hr. Rate     Oil Bbl     Gas     Water     Gas: Oil Ratio     Well Status       64     SI     N/A     136     0     383     41.8     Ready to produce       28a.     Production- Interval B      Test Date     Production     Flow-rasing       Choke Size     Tbg. Press     Press     Csg. Press.     24 Hr. Rate     Oil Bbl     Gas     MCF       Choke Size     Tbg. Press     Flow-rasing     Test Date     Production     MCF     Bbl     Corr. API       Choke Size     Tbg. Press     Flog. Press.     24 Hr. Rate     Oil Bbl     Gas     MCF     Bbl     Corr. API       Choke Size     Tbg. Press     Flog. Press.     24 Hr. Rate     Oil Bbl     Gas     Mater     Oil Gravity     Corr. API       Choke Size     Tbg. Press     Csg. Press.     24 Hr. Rate     Oil Bbl     Gas     Mater     Bbl     Corr. API       Choke Size     Tbg. Press     Csg. Press.     24 Hr. Rate     Oil Bbl     Gas     Mater     Bbl     Corr. API       S1     S1     S1     S1     S1     S1 <td></td>																
8/7/2014       8/9/2014       6       0       96       10.5       Flow-casing         Choke Size       Tog. Press Flvg.       Csg       Press.       24 Hr. Rate       Oil Bbl       Gas MCF       Water Bbl       Gas: Oil Ratio       Well Status         64       S1       N/A       136       0       383       41.8       Ready to produce         28a.       Production- Interval B       Date First Produced       Test Date       Hours Tested       Test Date       Production       MCF       Bbl       Corr. API       Gas       Gas       Gas: Oil Ratio       Well Status         Choke Size       Tog. Press Flvg. S1       Csg       Press.       24 Hr. Rate       Oil Bbl       Gas MCF       Water Bbl       Oil Gravity Corr. API       Gas       Gas Gravity       Production Method         Choke Size       Tog. Press S1       Csg       Press.       24 Hr. Rate       Oil Bbl       Gas MCF       Water Bbl       Gas: Oil Ratio       Well Status       CEPTED FOR RECORD		Test Date	Hours Teste		Oil Bbl					Gas Gra	vity I	roduction Mo	rthod			
Choke Size       Tog. Press Flvg.       Csg       Press.       24 Hr. Rate       Oil Bbl       Gas MCF       Water Bbl       Gas: Oil Ratio       Well Status         64       SI       N/A       136        0       383       41.8       Ready to produce         28a.       Production- Interval B        0       383       41.8       Ready to produce         Date First Produced       Test Date       Hours Tested       Test Production       Oil Bbl       Gas MCF       Water Bbl       Oil Gravity Corr. API       Gas Gravity       Production Method         Choke Size       Tog. Press Flvg. S1       Csg       Press.       24 Hr. Rate       Oil Bbl       Gas MCF       Water Bbl       Gas: Oil Ratio       Well Status       CPTED FOR RECORD		8/9/2014	6		1 0			Con. Ar	•			low-casin	g			
64       Five, SI       N/A       136       MCF       Bbl       Ready to produce         28a.       Production- Interval B       0       383       41.8       Ready to produce         Date First Produced       Test Date       Hours Tested       Test Date       Production       MCF       Bbl       Oil Gravity Corr. API       Gas       Gas       Gas       Gas       Corr. API       Gas       Cepted FOR RECORD         Choke Size       Tbg. Press Flvg. Si       Csg       Press.       24 Hr. Rate       Oil Bbl       Gas       Water MCF       Bbl       Gas: Oil Ratio       Well Status       Cepted FOR RECORD				s. 24 Hr. Rate	-			Gas: Oil	Ratio	Well St			0			
Z8a.     Production- Interval B       Date First     Test Date       Produced     Test Date       Oil Bbl     Gas       MCF     Bbl       Choke Size     Tbg. Press       Flwg.     S1		Flwg.				MCF	вы			1						
Date First Producted     Test Date     Hours Tested     Test Production     Oil Bbl     Gas MCF     Water Bbl     Oil Gravity Corr. API     Gas Gravity     Production Method       Choke Size     Tbg. Press Flwg. SI     Csg     Press.     24 Hr. Rate     Oil Bbl     Gas MCF     Water Bbl     Gas: Oil Ratio     Well Status     CEPTED FOR RECORD		10/7			0		41.8			Ready	to produc	e				
Production Choke Size Tbg. Press Csg Press. 24 Hr. Rate Oil Bbl Gas McF Bbl Corr. API SI Corr. API Gas: Oil Ratio Well Status CEPTED FOR RECORD				· Im	100 000			1010								
Choke Size Tog. Press Csg Press. 24 Hr. Rate Oil Bbl Gas Mater Bbl Gas: Oil Ratio Well Status CEPTED FOR RECORD		Test Date	Hours Test		Он ВЫ					Gas Gra	wity	roduction Me	rthod			
Choke Size Tbg. Press Csg Press. 24 Hr. Rate Oil Bbl Gas Water Bbl Gas: Oil Ratio Well Status Cc. 100 Heating 1 4 2014		]					1	1				NTCO P		าตก		
sī <u>A 2014</u>	Choke Size		Csg Pres	s. 24 Hr. Rate	Oil Bbl			Gas: Oil	Ratio	Well St		<del>1150  </del>				
					1	MCF	Вы	1					6 12.346			
	<u> </u>	L			<u>·                                     </u>					<u> </u>	\$	<u>1   1  </u>	<u>4 ZU14</u>			
								UA	1				FIFI D OFF			

ARMINGION	FIELD OF		
ARMINGTON BY: Will	iam.	Lainta	zkou

	ion- Interval C Test Date	Hours Tested	Test	Oil Bbl	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Date First Produced	Test Date	Hours Lested	Production	Ол вы	MCF	Bbl	Corr. API	Gas Gravity	Production Method	
	Tbg. Press	Csg Press.	24 Hr. Rate	Oil Bbl	Gas	Water	Gas: Oil Ratio	Well Status		
	Flwg. SI				MCF	Bbl				
Re. Producti	ion- Interval D								<u> </u>	<u></u>
Date First	Test Date	Hours Tested	Test	Oil Bbl	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Produced			Production		MCF	вы	Corr. API			
Choke Size	Tbg. Press	Csg Press.	24 Hr. Rate	Oil Bbl	Gas	Water	Gas: Oil Ratio	Well Status		
	Flwg. SI	·			MCF	Bbl				
29. Disposition	of Gas (Sold, 1	used for fuel	vented e				,.			
	h TA C-104 wh			·						
30. Summary o				101413.		_	31 F	ormation (Log) Ma	rkers:	
	tant zones of porosity		-	tervale and all	drill_stem tests	including dept		·	ancis.	
	ised, time tool open, i					,				
Formati	ion Top	Botto						Name		Тор
Pormation			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Descriptions Contents, Etc.				. Nanc		Measured Depth
Ojo Alamo	2162'	2417'					Cliffh	ouse		4453'
	2417'	2692'					Point	Lookout		5015'
Kirtland							Gree	norn		6917'
	al 2692'	2824'								
Fruitland Co							Dako	ta		6998'
Fruitland Co Picture Cliffs	2824'	2891'					Dako	ta		6998'
Kirtland Fruitland Co Picture Cliffs Lewis Shale Chacra							Dako	ta		6998'

6998' 32. Additional remarks (include plugging procedure):

4453'

4502'

5015'

6181'

6917'

6973'

Cliffhouse

Meneffee **Point Lookout** 

Gallup

Dakota

Greenhorn

**Graneros Shale** 

Mancos Regulatory 5515'

4502'

5015'

5515'

6181'

6917'

6973'

6998'

TD

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33. Indicate which items have been attached by placing a cl	heck in the appropriate boxes:		
Electrical/ Mechanical Logs (1 full set required)	Geologic Report	DST Report	X Directional Survey
Sundry Notice for plugging and cement verification	Core Analysis	Other:	
34. I hereby certify that the foregoing and attached information is o	complete and correct as determined	from all available records (see a	ttached instructions)*
Name (please print) Michelle doescher	Title	Regulatory Consultant	
		regulatory consultant	
Signature Michelle Dies	che Date	8/14/2014	
Title 18 U.S.C. Section/1001 and Title 43 U.S.C. Section 1212, make it a crime i	for any person knowingly and willfully to	make to any department or agency of the	he United States any false, fictitious or fraudulent statements or

ny I ngiy кр representations as to any matter within its jurisdiction.

(Form 3160-4, page 2)