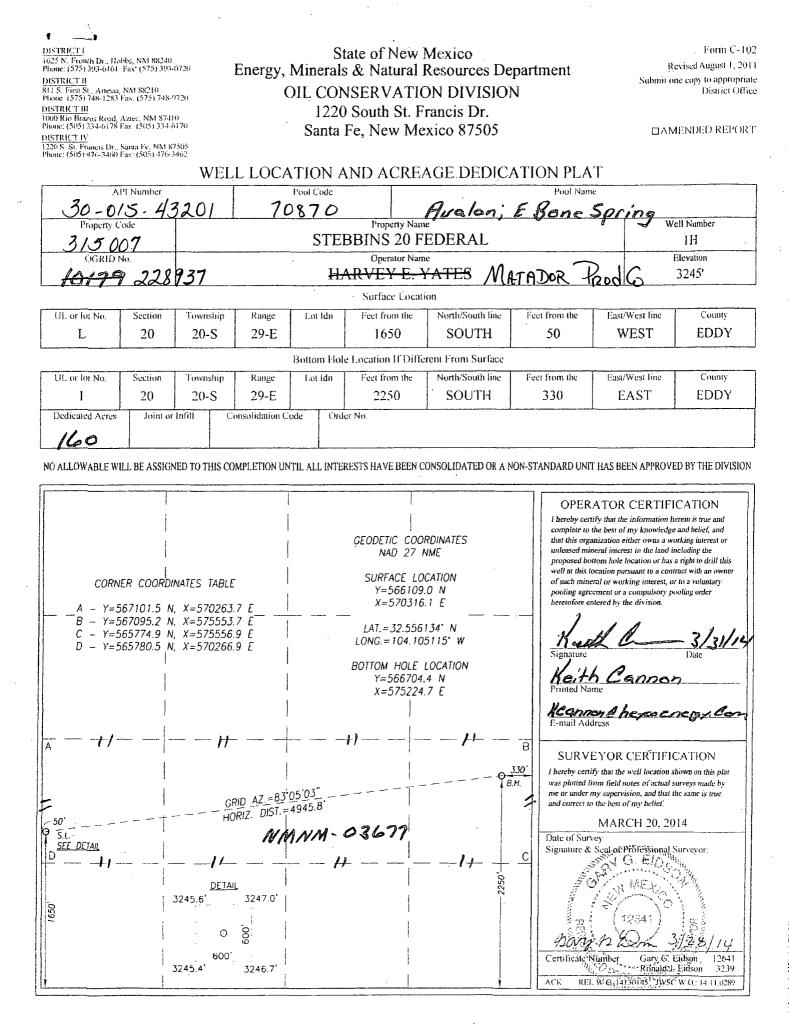
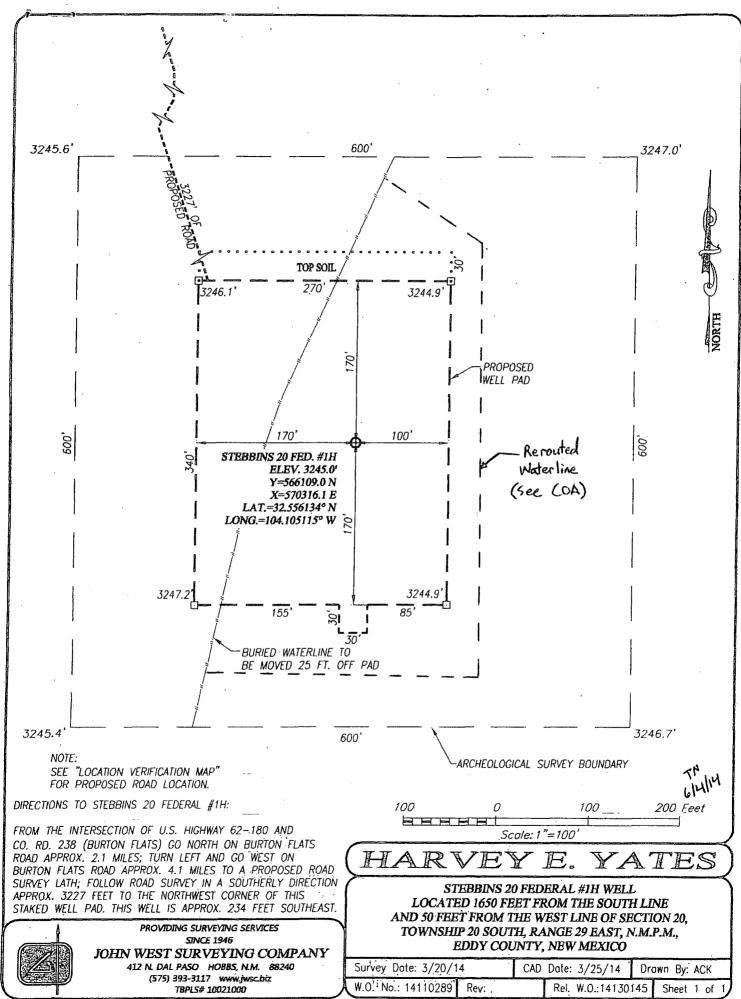
Roswell N.M 88202 575-623-6601 Avalon E. Bone Spring 4708705 4. Location of Well (Report location clearly and in accordance with any Sate requirements.*) 11. Sec, T. R. M. or Bik and Survey or Area At surface SHL: 1650° FSL & 50° FWL 11. Sec, T. R. M. or Bik and Survey or Area 4. Distance in miles and direction from nearest town or post office* 12. County or Parish 15. Miles East of Carlsbad, N.M 13. State 15. Distance from proposed* 160 16. Distance from proposed* 17. Spacing Unit dedicated to this well 17. Spacing Unit dedicated to this well 180 18. Distance from proposed* 19. Proposed Depth MD-12575° Pilot Hole TVD-8018* 9500° 10. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 3247' 24. Attachments 16. following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: Well plat certified by a registered surveyor. A Surface Use Plan (if the location is on National Forest Service Office). 5. Signature Name (PrintedT)ped) 6. Such other site specific information and/or plans as may be required by the BLM. 6. Signature Name (PrintedT)ped)	(March 2012) JUN 2 2 2015 OMB No. 1004-0137		īU	APPLICATION FOR PERMIT TO	DRILL OF	R REENTER		6. If Indian, Allot	ee or Tribe	Name						
Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone Stebbins 20 Federal 1H 315, 2007 Andress P.O Box 1936 Roswell N.M 88202 9. API Well No. 30, 01,5-43201 30, 00,5-43201 10, Field and Pool, or Exploratory Avalon E. Bone Spring 4, 00, or Exploratory Avalon E. Bone Spring 4, 70,8770 4, Location of Well (Report location clearly and in accordance with any State requirement, *) At surface SHL ; 1650° FSL & 50° FWL At proposed prod, zone 2250° FSL & 330° FEL 4. Distance in miles and direction from nearest town or post office* 16, No, of acres in lease 17, Spacing Unit dedicated to this well 18, 00, 00, 01, 01, 01, 01, 01, 01, 01, 01	(March 2012) JUN 2 2 2015 OMB No. 1004-0137				ER	<u> </u>		7 If Unit or CA Ag	greement, N	ume and	1 No.					
2 Name of Operator Harrey E. Vates 9. API Well No. 3a Address P. O. Box 1936 (3b. Phone No. (include airea code) 10. Field and Pool, or Exploratory 3a. Address P. O. Box 1936 (3b. Phone No. (include airea code) 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordance with any State requirements.') 11. Sec., T. R. M. or Bik. and Survey or Area 4. Location of Well (Report location clearly and in accordance with any State requirements.') 11. Sec., T. R. M. or Bik. and Survey or Area At proposed prod. zone 2250' FSL 8. 330' FEL 11. Sec., T. R. M. or Bik. and Survey or Area UL-L, Sec 20, T20S, R29E 4. Distance in miles and direction from nearest town or post otlice* 12. County or Parish 13. State 15. Distance from proposed* 50' 16 No. of acres in lease 17. Spacing Unit dedicated to this well 160. 160. 19. Proposed Depth NM NM 18. Distance from proposed location* 23.0' 19. Proposed Depth NMB000317 19. Proposed Depth ND-12575' Pilot Hole NMB000317 10. Tield at work will start* 23. Estimated duration 3247' 24. Attachments 4. Bond to cover the operations unless covered by an existing bond on file (see Item 2	(March 2012) H CAVEKARST APPLICATION FOR PERMIT TO DRILL OR REENTER (March 2012) JUN 2 2 2015 JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 5. Lease Serial No. NMNM-03677 6. If Indian, Allotee or Tribe Name	H CAVERARST UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 6. If Indian, Allotee or Tribe Name		lb. Type of Well: Oil Well Gas Well Other	Si	ingle Zone 🔲 Multip	ple Zone			7 3	1500					
3a. Address P. O. Box 193G Roswell N.M. 88202 3b. Phone No. (include area code) 575-623-6601 10. Field and Pool, or Exploratory Avaion E. Bone Spring (70870) 4. Location of Well (Report lacation clearly and in accordance with any State requirements *) At surface SHL: 1650' FSL & 30' FEL 11. Sec., T. R. M. or Bik. and Survey or Area UL-L, Sec 20, T20S, R29E 4. Location of Well (Report lacation from nearest town or post office* 12. County or Parish Eddy Co. 13. State 15. Distance in miles and direction from nearest town or post office* 16. No. of acres in lease 2150.97 17. Spacing Unit dedicated to this well 160 16. No. of acres in lease Income to incerest to nearest well, drilling, completed, applied for, on this lease, ft. 23. EL/MBIA Bond No. on file NMB000317 8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 22. Approximate date work will start* 01/15/2015 23. Estimated duration . 01/15/2015 24. Attachments 23. Attachments 4. Bond to cover the operations unless covered by an existing bond on file (see litem 20 above). 8. Oblight earling Plan. A Surface Learling in the top Plan Hole BILM. 4. Band to cover the operations and/or plans as may be required by the BLM. 5. Signature Name (PrintedT)ped) Keith Cannon 0ale 03/31/2014	(March 2012) JUN 2 2 2015 Image: March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. Ia. Type of work: DRILL Ia. Type of work: DRILL	UNITED STATES DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT REPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 6. If Indian, Allotee or Tribe Name Ia. Type of work: DRILL REENTER 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No.														
Roswell N.M 88202 575-623-6601 Avalon E. Bone Spring (70870) 4. Location of Well (Report location clearly and in accardence with any State requirements.*) 11. Sec., T. R. M. or Blk. and Survey or Area At surface SHL; 1650° FSL & 50° FWL 11. Sec., T. R. M. or Blk. and Survey or Area UL-L, Sec 20, T20S, R29E At proposed prod. zone 2250° FSL & 330° FEL 12. County or Parish Eddy Co. 13. State 15. Miles East of Carlsbad, N.M 16. No. of acres in lease 17. Spacing Unit dedicated to this well location to nearest forg mroposed* 18. State 15. Distance from proposed* 50° 19. Proposed Depth 160 160 16. Do. of acres in lease 10. No. of acres in lease 17. Spacing Unit dedicated to this well 160 16. Distance from proposed location* 2370° 19. Proposed Depth NMB000317 17. Spacing Unit dedicated to this well 160 115/2015 23. Estimated duration 3247' 24. Attachments 23. Estimated duration 31/15/2015 18. bond to cover the operations unless covered by an existing bond on file (see Iden vin the appropriate Forest System Lands, the SUPO must be filed with the appropriate Forest System Lands, the SUPO must be filed with the appropriate Forest System Lands, the BLM. 6. Operator certification 6. Such other site specific information and/or plans as may be requir	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 S. Lease Serial No. NMNM-03677 OMB No. 1004-0137 Expires October 31, 2014 S. Lease Serial No. NMNM-03677 I. Type of work: ORILL Ib. Type of Well: Onl Well Ib. Type of Well: Onl Well Ib. Type of Well: Onl Well Ia. Type of Well: Gas Well Other Single Zone Multiple Zone 9. API Well No.	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 2 Name of Operator Harvey E. Yates 2 Name of Operator Harvey E. Yates 2 API Well No.		Matador PROD. LO	. t22	28937 F					<u> </u>					
4. Location of Well (Report location: clearly and in accordance with any State requirements ') 11. Sec., T. R. M. or Blk. and Survey or Area At surface SHL; 1650' FSL & 50' FWL 11. Sec., T. R. M. or Blk. and Survey or Area At proposed prod. zone 2250' FSL & 330' FEL 12. County or Parish H4. Distance in miles and direction from nearest town or post office* 12. County or Parish Figure 15. Miles East of Carlsbad, N.M 16. No. of acres in lease 16. Distance from proposed* 10. Social to the nearest property or lease line, ft. 16. No. of acres in lease 17. Spacing Unit dedicated to this well 180 Distance from proposed location* property or lease ine, ft. 19. Proposed Depth MD-12575' Pilot Hole TVD- 8018' 9500' 11. Sec., T. R.M. or Bilk.and Survey or Area UL-L, Sec 20, T20S, R29E 14. Distance from proposed location* 20. Proposed Depth MD-12575' Pilot Hole TVD- 8018' 9500' 12. Estimated duration 45 Days 24. Attachments 4. Bold torvified by a registered surveyor. A Drilling Plan.	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 S. Lease Serial No. NMNM-03677 OMB No. 1004-0137 Expires October 31, 2014 S. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL Ib. Type of Well: Oil Well Oil Well Gas Well Other Single Zone Name of Operator Harvey E. Yotes Matador R Matador R PRoD. Co. (2 Name of Operator PRoD. Co. (2 28937) So. 0 15- 4 32.01	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: Ib. Type of Well: 2 Name of Operator Harvey E. Yotes Matador R PROD. Co. (228937) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED 5. Lease Serial No. NMNM-03677 6. If Indian, Allotee or Tribe Name 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No. Stebbins 20 Federal 1H (3150) 9. API Well No. 30-015-43201									1870					
At proposed prod. zone 2250' FSL & 330' FEL 14. Distance in miles and direction from nearest town or post office* 15 Miles East of Carlsbad, N.M 15. Distance from proposed* 16. Distance from proposed* 17. Spacing Unit dedicated to this well 18. Distance from proposed lease inc, ft. (Also to nearest drig, unit line, if any) 18. Distance from proposed leasting, on this lease, ft. 19. Proposed Depth MD-12575' 19. Proposed Depth MD-12575' Pilot Hole TVD- 8018' 22. Approximate date work will start* 23. Estimated duration 3247' 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: . Well plat certified by a registered surveyor. A Duiling Plan. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 5. Signature Name (Printed/Typed) Keith Cannon 6. Such other site specific information and/or plans as may be required by the BLM. 19. Oracle other site specific information and/or plans as may be required by the BLM.	(March 2012) JUN 2 2 2015 Image: CAVEKARST UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2 Name of Operator Hervey E. Yotes Matador Prod. Co. (228937) 3a. Address P.O Box 1936 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 2 Name of Operator Harvey E. Yotes Matador Prod. Co. (228937) 3a. Address P.O Box 1936 DURICH DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED 5. Lease Serial No. NMNM-03677 6. If Indian, Allotee or Tribe Name 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No. 8. Lease Name and Well No. 8. Lease Name and Well No. 9. API Well No. 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory		4. Location of Well (Report location clearly and in accordance with any	ty State requirem	nents. *)										
14. Distance in miles and direction from nearest town or post office* 12. County or Parish Eddy Co. 13. State 15. Miles East of Carlsbad, N.M 16. No, of acres in lease property or lease line, ft. (Also tonearest drig. unit line, if any) 16. No, of acres in lease 2150.97 17. Spacing Unit dedicated to this well 160 18. Distance from proposed to cation* carest drig. unit line, if any) 19. Proposed Depth MD-12575' Pilot Hole TVD- 8018' 9500' 20. BLM/BIA Bond No. on file NMB000317 14. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 OME NO. 1004-0137 Expires October 31, 2014 Image: Cave Fix and the construction of the internation of the internatinternation of the internatinternation of	Expires October 31, 2014 Expires October 31, 2014 Expires October 31, 2014 Super Structures APPLICATION FOR PERMIT TO DRILL OR REENTER APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: Image: Colspan="2">Image: Colspan="2">Image: Colspan="2">Expires October 31, 2014 Image: Colspan="2">Expires October 31, 2014 Image: Colspan="2">Image: Colspan="2">Expires October 31, 2014 APPLICATION FOR PERMIT TO DRILL OR REENTER Indication For PERMIT TO DRILL OR REENTER Indication Colspan="2">Indication Colspan="2">Image: Colspan="2" Image: Co		•				UL-L, Sec 20, T20	0S, R29E							
15 Miles East of Carlsbad, N.M Eddy Co. NM 15. Distance from proposed* 50° location to nearest property or lease line, ft. (Also tonearest drig, unit line, if any) 16. No. of aeres in lease 2150.97 17. Spacing Unit dedicated to this well 160 18. Distance from proposed location* 2370° to nearest well, drilling, completed, applied for, on this lease, ft. 19. Proposed Depth MD-12575' Pilot Hole TVD- 8018' 9500' 20. BLM/BIA Bond No. on file NMB000317 11. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration .01/15/2015 24. Attachments Attachments Mel dilling flan. Mel dilling flan. Attachments Vell Attachments Mel dilling Plan. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Offlice). Name (Printed/Typed) Keith Cannon Signature Name (Printed/Typed) Keith Cannon Signature	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2< Name of Operator	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DRILL REENTER I.a. Type of work: DRILL REENTER I.a. Type of Well: Oul Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator Harvey E. Yotes Matador Prod. Co. (228937) 3a. Address P.O Box 1936 Roswell N.M 88202 4. Location of Well (Report location clearly and in accordance with any State requirements.*) UNITED STATES DEPARTMENT OF THE INTERIOR RECEIVED 5. Lease Serial No. NMNM-03677 6. If Indian, Allote or Tribe Name 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No. 8. Lease Name and Well No. 9. API Well No. 30-015-43201 10. Field and Pool, or Exploratory Avaion E. Bone Spring (70876)		At proposed prod. zone 2250' FSL & 330' FEL					•		•					
15. Distance from proposed* 50' location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) 16. No. of acres in lease 2150.97 17. Spacing Unit dedicated to this well 160 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2370' bit Hole TVD- 8018' 9500' 20. BLM/BIA Bond No. on file NMB000317 11. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 45 Days 247' 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the BLM. 5. Signature Name (Printed/Typed) Keith Cannon Date 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2< Name of Operator	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DRILL REENTER I.a. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 2 Name of Operator Hervey E. Yates 2 Name of Operator Hervey E. Yates 3a. Address P.O Box 1936 Roswell N.M 88202 4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface SHL; 1650' FSL & 50' FWL LINITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED 5. Lease Serial No. NMNM-03677 6. If Indian, Allotee or Tribe Name 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No. 8. Lease Name and Well No. 9. API Well No. 30. 015-43201 10. Field and Pool, or Exploratory Avaion E. Bone Spring (7087) 11. Sec., T. R. M. or Blk. and Survey or Area UL-L, Sec 20, T20S, R29E	-	-				•			ite					
(Also tonearest drig. unit line, if any) 20 8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2370' 19. Proposed Depth applied for, on this lease, ft. 20. BLM/BIA Bond No. on file 10. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 3247' 01/15/2015 45 Days 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Signature Name (Printed/Typed) Keith Cannon Date 03/31/2014 Nate (Printed/Typed) Keith Cannon	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 8. Lease Name and Well No. 10. Field and Pool, or Exploratory Roswell N.M 88202 3b. Phone No. (include area code) 575-623-6601 4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface SHL; 1650' FSL & 30' FEL 14. Distance in miles and direction from nearest town or post office*	UNITED STATES LEART MENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Oil Well Gas Well Other 2 Name of Operator Hervey EYates 9. API Well No. 3a. Address P.O Box 1936 3b. Phone No. (include area code) 75-623-6601 3b. Phone No. (include area code) S75-623-6601 Avalon E. Bone Spring f 70876 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Bik. and Survey or Area 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Bik. and Survey or Area 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Bik. and Survey or Area 4. Location of Well (Report location from nearest town or post office* 12. County or Parish 13. State		15. Distance from proposed* 50'	16. No. of a 2150.97	cres in lease		Unit dedicated to this	well							
to nearest well, drilling, completed, ²⁵⁷⁰ applied for, on this lease, ft. MD-12575' Pilot Hole TVD- 8018' 9500' NMB000317 1. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 3247' 01/15/2015 45 Days 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: . Well plat certified by a registered surveyor. A Drilling Plan. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Signature 5. Signature Name (<i>Printed/Typed</i>) Keith Cannon Date 03/31/2014 Name (<i>Printed/Typed</i>) Keith Cannon	(March 2012) JUN 22 2015 OMB No. 1004-0137 Expurse October 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMM-03677 Ia. Type of work: DRILL REENTER Ia. Type of Well: Oil Well Gas Well Other 2 Name of Operator Harvey E. Yates Markad or PRoD. Co. (228937) 3a. Address P.O Box 193G Roswell N.M 88202 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory Avaion E. Bone Spring 7 08 7 0 4. Location of Well (Report location clearly and in accordance with any State requirements?) 11. Sec., T. R. M. or Bik and Survey or Area UL-L, Sec 20, T20S, R29E 4. to bitsace in miles and direction from nearest town or post office* 15 Miles East of Carlsbad, N.M 13. State 14. Distance from proposed* 50' 13. No. of acres in lease 215.097 17. Spacing Unit dedicated to this well	UNITED STATES Expire Octoor 51, 2014 H CAVEKARST DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2 Name of Operator Hervey E. Vates Roswell N.M 88202 7 If Unit or CA Agreement, Name and No. 3a. Address P.O Box 1936 Roswell N.M 88202 3b. Phone No. (include area code) 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory Avaion E. Bone Spring 7 0 8 7 0 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Blk. and Survey or Area VL-L, Sec 20, T20S, R29E 13. State 14. Distance from proposed* for 16. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed* 50' 16. No. of acres in lease 17. Spacing Unit dedicated to this well		(Also tonearest drig. unit line, if any)												
1. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 3247' 01/15/2015 45 Days 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: . Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). . A Drilling Plan. 5. Operator certification . A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Signature Name (Printed/Typed) Date 03/31/2014 . Mate Weith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMM-03677 Ia. Type of work: DRILL REENTER Ia. Type of Well: Oil Well Gas Well Other 2. Name of Operator Herrory E. Yates Markad or 9. API Well No. Stebbins 20 Federal 1H 5. J. 50.00 3a. Address P.O Box 1936 Roswell N.M 88202 3b. Phone No. (include area code) S75-623-6601 9. API Well No. Stebbins 20 Federal 1H 7.08.70 4. Location of Well (Report location clearly and in accordance with any State requirements.') At surface SHL; 1650' FSL & 30' FPL 3b. Phone No. (include area code) S75-623-6601 10. Field and Pool, or Exploratory Avaton E. Bone Spring (7.08.70) 4. Location of Well (Report location clearly and in accordance with any State requirements.') At surface SHL; 1650' FSL & 30' FPL 11. Sec., T. R. M. or Blk. and Survey or Area UL-L, Sec 20, T20S, R29E 14. Distance in miles and direction from nearest town or post office* 12. County or Parish 160 13. State 160	UNITED STATES LEARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: Image: Drift Distance or Tribe Name 1a. Type of Well: Image: Drift Distance or Distan	1	to nearest well, drilling, completed,	MD-12575'	' Pilot Hole			·							
he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: . Well plat certified by a registered surveyor. . A Drilling Plan. . A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 5. Signature Name Name Printed/Typed/ Keith Cannon Date 03/31/2014	(March 2012) JUN 2 2 2015 Odd No. 1004-0137 Expansion October 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2. Name of Operator Hervey E. Vales 8. Lease Name and Well No. Stebbins 20 Federal 1H 5.15.50.00 2. Name of Operator Hervey E. Vales 9. API Well No. 30 0.15- 43.201 30 0.15- 43.201 3a. Address P.O Box 1936 Roswell N.M 88202 3b. Phone No. (include airca code) 71.6 Field and Pool, or Exploratory Avalon E. Bone Spring 4 7 0 8 7 0 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Bik.and Survey or Area 4. Lycoposed prod. zone 2250' FSL & 330' FEL 12. County or Parish Eddy Co. 13. State 14. Distance from proposed* Io contain to nearest form proposed* 50° to contain to nearest form proposed* 50° to contain to nearest form proposed for dig. unit line, if any) 16. No. of acres in lease 2150.97 17. Spacing Unit dedicated to this well 160 18. Distance from proposed* Io nearest well, drilling, completed, anoled for on this lease fit 2370° MISD00317 19. Proposed Depth MD-12575' Pilot Ho	UNITED STATES Lepts Outlot 31, 214 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMMM-03677 Ia. Type of work: DRILL RECEIVED Ib. Type of work: DRILL RECEIVER Ib. Type of Well: Ooil Well Gas Well Other Single Zone Multiple Zone 2 Name of Operator Hervey E. Yeates 9. API Well No. 3a. Address P.O Box 1936 Bb. Proposed IN M88202 Bb. Proposed IN M88202 Bb. Proposed IN M88202 D. Field and Pool, or Exploratory Avalon E: Bone Spring f 70 87 0 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Bik. and Survey or Area UL-L, Sec 20, T20S, R29E At proposed prod. zone 2250' FSL & 30' FEL 16. No. of acres in lease 17. Spacing Unit dedicated to this well 160 14. Distance in miles and direction from nearest town or post office* 16. No. of acres in lease 17. Spacing Unit dedicated to this well 160 15. Distance from proposed* 50° 19. Proposed Depth NMM 19. Proposed Depth MD-12575' 20. BLMBIA Bond No. on file 18. Distance from proposed location* 2370' 19. Proposed Depth MD-12575' 20. BLMBIA Bond No. on file	2		22. Approxim	nate date work will star	Į*.		on ,							
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). Signature Name (Printed/Typed) Keith Cannon Date 03/31/2014 	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. 1a. Type of work: DRILL RECEIVED 1a. Type of work: DRILL RECEIVER 2. Name of Operator Horrey E. Yeles Single Zone Multiple Zone 3a. Address P.O Box 1936 3b. Phone No. (include area code) Stebbins 20 Federal 1H € 35.00 3a. Address P.O Box 1936 3b. Phone No. (include area code) 50. F5.4 & 50° FWL Alarstrace SHL; 1650° FSL & 50° FWL 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordence with any State requirements.*) 11. Sec., T. R. M. or Bik. and Survey or Area UL-L, Sec 20, T20S, R29E 4. Isotance in miles and direction from nearest town or post office* 150. State from proposed for 13. State 15. Distance from proposed location* 20° 16. No. of acres in lease 17. Spacing Unit decideate to this well 16. Dotation to nearest of carlsbad, N.M 19. Proposed Depth 10. ELMBIA Bond No. on file NM 15. Distance from proposed location* 2370° 19. Proposed Depth 20. ELMBIA Bond No. on file 18. Distan	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT BEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: OB Gas Well Other 2 Name of Operator Hervey E- Vates 9. API Well No. 3a. Address P.O Box 1936 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 3a. Address P.O Box 1936 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordance with any State requirements ') 11. Sec., T. R. M. or Bik and Survey or Area 4. tarface SHL; 1650' FSL & 50' FWL 21. County or Parish 13. State 15. Distance in miles and direction from nearest town or post otice* 15. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed for 20' 16. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed location* 2370' 19. Proposed Depth 20. BL//BIA Bond No. on file 16. No. of acres	-	· · · · · · · · · · · · · · · · · · ·	24. Attacl	hments	······································				<u> </u>					
A Drilling Plan. Item 20 above). A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the BLM. 5. Signature Name (Printed/Typed) Keith Cannon Date 03/31/2014	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT S. Lesse Serial No. MMMM-03677 (APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. MMM-03677 Ia. Type of work: DRILL REENTER Ia. Type of work: DRILL REENTER Ia. Type of Well: Oil Well Gas Well Other 2. Name of Operator Harvey E. Vates Markad o R Single Zone Multiple Zone 3a. Address P.O Box 1936 (Roswell N.M 88202 3b. Phone No. (netude alea code) 10. Field and Pool, or Exploratory Avalon E. Bone Spring (70870) 4. Location of Well (Report leation clearly and in accordance with any State regarements ') 11. Sec., T. R. M. or Bik and Survey or Area UL-L, Sec 20, T20S, R29E At surface SHL; 1650' FSL & 50' FVL If No of ares in lesse 15 Miles East of Carlsbad, N.M 13. State Proposed prod. zone 2250' FSL & 330' FEL 14. Distance in miles and direction from nearest town or post office* 15 Distance from proposed focation* 20. Portosed Leation* 2150:97 16. No of ares in lesse 2150:97 17. Spacing Unit dedicated to this well 160 13. Distance from proposed location* 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 01/15/2015 23. Estimated duration 45 Days	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL Cation FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL CATE REENTER 1b. Type of work: DRILL CATE REENTER 1a. Type of work: DRILL CATE REENTER 1b. Type of Well: OIL CATE REENTER 1b. Type of Well: OIL CATE REENTER 1b. Type of Well: OIL CATE REENTER 1c. Type of Well (Report Leading Reent) 1c. Field and Pool, or Exploratory Avain CE. Bone Spring (TON 7) 1c. Field and Pool, or Exploratory Avain CE. Bone Spring (TON 7) 1c. Field and Survey or Area 1c. County or Parish 1c. State Trom proposed* 50° Increase Ing, fi. (Also Conteased fing, unit line, if any) 1c. Distance from proposed Iocation* 1c. Elevations (Show whether DF, KDB, RT, GL, etc.) 2c. Elevations (Show whether DF, KDB, RT, GL, etc.) 2c. Elevations (Show whether DF, KDB, RT, GL, etc.) 2c. Elevations (Show whether DF, KDB, RT, GL, etc.) 3c. The State Completed, 3c. Type Cate Area Cate Cate Cate Cate Cate Cate Cate Ca	Ť	he following, completed in accordance with the requirements of Onshore	e Oil and Gas (Order No.1, must be att	ached to this	form:								
A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the BLM. 5. Signature Name (Printed/Typed) Keith Cannon Date 03/31/2014	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT S. Lesse Serial No. MMMM-03677 (APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. MMM-03677 Ia. Type of work: DRILL REENTER Ia. Type of work: DRILL REENTER Ia. Type of Well: Oil Well Gas Well Other 2. Name of Operator Harvey E. Vates Markad o R Single Zone Multiple Zone 3a. Address P.O Box 1936 (Roswell N.M 88202 3b. Phone No. (netude alea code) 10. Field and Pool, or Exploratory Avalon E. Bone Spring (70870) 4. Location of Well (Report leation clearly and in accordance with any State regarements ') 11. Sec., T. R. M. or Bik and Survey or Area UL-L, Sec 20, T20S, R29E At surface SHL; 1650' FSL & 50' FVL If No of ares in lesse 15 Miles East of Carlsbad, N.M 13. State Proposed prod. zone 2250' FSL & 330' FEL 14. Distance in miles and direction from nearest town or post office* 15 Distance from proposed focation* 20. Portosed Leation* 2150:97 16. No of ares in lesse 2150:97 17. Spacing Unit dedicated to this well 160 13. Distance from proposed location* 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 01/15/2015 23. Estimated duration 45 Days	UNITED STATES LEMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Ool Well Gas Well Other 2. Name of Operator Hervey E. Yates 9. API Well No. 3c. Address P.O Box 1336 RED. Co. (228937) 3a. Address P.O Box 1336 To Hone No. (nectude afea code) 10. Field and Pool, or Exploratory Address P.O Box 1336 To Box 0136 To 877 (4. Location of Well (Eqoor location clearly and in accordance with any Sate requirements *) 11. Sec. T. R. M. or BiL and Survey or Area 14. Distance in miles and direction from nearest town or post office* 12 County or Parish 13. State 15. Miles East of Carlsbad, N.M 16 No. off arres in lease 17. Speacing Unit dedicated to this well 18. Distance from proposed* GO' 19. Proposed Depth 20. BL/MBIA Boud No. on file 18. Distance from proposed* GO' 19. Proposed Depth 20. BL/MBIA Boud No. on file 19. Proposed Depth 20. BL/MBIA Boud No. on file NMB000317 10. Elevations (Show whether DF, KDB, RT, GL, etc.)					e operations	s unless covered by an	n existing be	and on	file (see					
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 106-01937 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: ORI Woll Gas Well Other Single Zone Multiple Zone 2. Name of Operator Hervey E- Yotes Martador Prop. Co. Ca28937 30-015-43201 3a. Address P.O Box 1936 Bb. Phone No. (include area code) 30-015-43201 10. Field and Pool, or Exploratory 4. surface SHL: 1650' FSL & 50' PWL UL-L, See 20, T20S, R29E Avaion E. Bone Spring f 70 8700 14. Dostance in miles and direction from nearest town or post office* 16. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed prod zone 2250' FSL & 30' FEL 16. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed of prod social of acry of an instast for 23. Ethmetad duration file NM 15. Distance from proposed or cations 4. The Add Areve Areve Add Areve 23. Ethmetad duration file NM 16. Distance from proposed locations 4. The Add Areve 23. Ethmetad duration file NM <t< td=""><td>LUNITED STATES LEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1 If Unit or CA Agreement, Name and No. 1. Type of work: DRILL Ia. Type of Well: OR Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator Harvey E-Vales Recent Steeboins 20 Federal 1H £31500 3a. Address P.O Box 1936 Bb. Phone No. (include area code) 3b. Phone No. (include area code) 3c. O 15- 43201 3a. Address P.O Box 1936 Bb. Phone No. (include area code) S75-623-6601 Avalon E. Bone Spring £708716 4. Location of Well (Report location clearly and in accordance with any Slate requirement.*) II. Sec, T. R. M. or Blk, and Survey or Area At surface SHL; 1650'FSL & 30'FEL UL-L, Sec 20, T20S, R29E 14. Distance from proposed food zone 2250'FSL & 330'FEL 12. County or Parish Eddy Co. 14. Distance from proposed location* 2370' 15. Distance from proposed location* 2370' 16. No. of acres in lease 17. Spacing Unit dedicated to this well 17. Distance from proposed location* 2370' 18. Dis</td><td></td><td>B. A Surface Use Plan (if the location is on National Forest System L</td><td>ands, the</td><td>6. Such other site s</td><td></td><td>mation and/or plans a</td><td>s may be re</td><td>quired l</td><td>oy the</td></t<>	LUNITED STATES LEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1 If Unit or CA Agreement, Name and No. 1. Type of work: DRILL Ia. Type of Well: OR Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator Harvey E-Vales Recent Steeboins 20 Federal 1H £31500 3a. Address P.O Box 1936 Bb. Phone No. (include area code) 3b. Phone No. (include area code) 3c. O 15- 43201 3a. Address P.O Box 1936 Bb. Phone No. (include area code) S75-623-6601 Avalon E. Bone Spring £708716 4. Location of Well (Report location clearly and in accordance with any Slate requirement.*) II. Sec, T. R. M. or Blk, and Survey or Area At surface SHL; 1650'FSL & 30'FEL UL-L, Sec 20, T20S, R29E 14. Distance from proposed food zone 2250'FSL & 330'FEL 12. County or Parish Eddy Co. 14. Distance from proposed location* 2370' 15. Distance from proposed location* 2370' 16. No. of acres in lease 17. Spacing Unit dedicated to this well 17. Distance from proposed location* 2370' 18. Dis		B. A Surface Use Plan (if the location is on National Forest System L	ands, the	6. Such other site s		mation and/or plans a	s may be re	quired l	oy the					
	(March 2012) JUN 2 2 2015 CORE No. 1004-0137 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial M. Ia. Type of work: DRILL REENTER 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well Oat Well Gas Well Other Single Zone 9. API Well No. 3. Address P. D Box 1936 March 2012 75-623-6601 9. API Well No. 300.15- 43.20.1 3a. Address P. D Box 1936 Box Phone No. (include airea code) 10. Field and Pool or Exploratory 76-623-6601 4. Location of Well (Report location clearly and in accordence with any State regirements.*) 11. Sec, T. R. M. or Bik and Survey or Area At proposed prod. zone. 22507 FSL & 3.307 FEL 14. Destance from proposed* 50° 16. No. of acres in lease 17. Spacing Unit dedicated to this well 1b. Distance from proposed* 50° 21.6 No. of acres in lease 17. Spacing Unit dedicated to this well 10. 15. Distance from proposed* 50° 21.6 No. of acres in lease 17. Spacing Unit dedicated to this well 10. 16. No. of acres in lease 17. Spacing Unit dedicated to this well </td <td>UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANA GEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DRILL REENTER I.a. Type of work: DRILL REENTER I.a. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL</td> <td>2</td> <td>5. Signature</td> <td></td> <td>7</td> <td></td> <td></td> <td>1</td> <td>014</td> <td></td>	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANA GEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DRILL REENTER I.a. Type of work: DRILL REENTER I.a. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL	2	5. Signature		7			1	014						
Unling Superintendent	(March 2012) JUN 2 2 2015 CMB 36 100-0137 Expanse 30-0466 31 2014 MARCH 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. MNIM-03677 1a. Type of work: DRILL REENTER 1b. Type of Well: Oil Well Gas Well Other 2 Name of Operator Farever E- Xeates March 2012 9. APP Well No. Stebbrins 20 Federal 1H 2. Name of Operator March 2012 75-623-6601 Autopte Zone 3a. Address p O Box 1336 Resource March 2012 3b. Phone No. (occude area code) Resource March 2012 10. Field and Pool, or Exploratory Autor of Well Report beation 4. Locatic to Well Report beation Address p O Box 1336 Resource March 2012 15. Field and Pool, or Exploratory Autor of Well Report beation Autopte Ana Autor E. Bone Spring 7 D & 7 D AVAIO E. Bone Spring 4. Locatic to Well Report beation Application from nearest with any Sate regimement.* 11. Sec.; T. K. M. or Bik and Survey or Ana UL-L, Sec 20, T20S, R29E 14. Distance in miles and direction from nearest town or post office* 15. No. off arers in lease 17. Spacing Unit dedicated to this well HDD 12575' Piot Hole NMB000317 15. Distance from proposed location* 22. Approximate date work will start* 23. Estimated duration (15. Spacing Unit dedicated to this sertification (24. Attachmentis 16. Distance from proposed lo	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL 1a. Type of work: DRILL 2 Name of Operator Hervey E. Veter 3a. Address P. O Box 133G Bas Well 2 Name of Operator Hervey E. Veter 3a. Address P. O Box 133G Bb. Phone No. (nodule drea code) 3a. Address P. O Box 133G Bb. Phone No. (nodule drea code) 3a. Address P. O Box 133G Bb. Phone No. (nodule drea code) 3a. Address P. O Box 133G Bb. Phone No. (nodule drea code) Address P. O Box 133G Bb. Phone No. (nodule drea code) 3a. Address P. O Box 133G Box 133G 4 Location of Well (Report beation clearly and in accordance with any State requirement.? A surface Strill. 1560 FSL & S 0' FNL 4 Location of Well (Report beation clearly and in accordance with any State requirement.? 14 Distance from proposed' 50' Icasis Name Milline, farry 13. State 14 Distance from proposed' 50' Icastor fom proposed' 50' 19. Prop	Ti	Drilling Superintendent												
pproved by (Signature) Data in the Printed/Typed) Data in the Bose	(March 2012) JUN 2 2 2015 Other 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. MNM-03677 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Oil Well Gas Well Other 2. Name of Operator Harrey E- Vates Reserved NM 88202 Single Zone Multiple Zone 3a. Address P. O Box 1936 Reserved NM 88202 3b. Phone No. (include area code) States from property leads in clearly and in accordance with any State regarament.*/ A surface SHL: 1650 FSL & 50 FWL A. Or IS- 4 32.01 14. Lostion of Well (Reyor beation clearly and in accordance with any State regarament.*/ A tartface SHL: 1650 FSL & 50 FWL 15. Soc. R. M. or BL and Survey or Area UL-L, Sec 20, T20S, R29E 14. Lostion of Well (Reyor Lostion clearly and in accordance with any State regarament.*/ A tartface SHL: 1650 FSL & 50 FWL 13. State 12 County or Parish 15. Distance from property clease inc, ft (Also interest dfg, unit line, if any) 19. Proposed Depth MD-12575* Plot Hole 18. Distance from property clease inc, ft (Also interest dfg, unit line, if any) 22. Approximate date work will dart* 160 18. Distance from properties (Show whether DF, KDB, RT, GL, ec.) 22. Approximate date work will dart* 160 24. Attachments 19. Work to Brand find with be exporements of Onshore	UNITED STATES LEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER Less eval No MMMM-03677 1a. Type of work: DRILL REENTER 1 If Unit or CA Agreement, Name and No. 1a. Type of work: DRILL REENTER 1 If Unit or CA Agreement, Name and No. 1b. Type of work: DRILL REENTER 1 If Unit or CA Agreement, Name and No. 1b. Type of work: DRILL REENTER 1 If Unit or CA Agreement, Name and No. 1a. Type of work: DRILL REENTER 1 If Unit or CA Agreement, Name and No. 1a. Address P.O. Box 1930; Roswell N.M 88202 Stobins 20 Federa 11H 575-623-6601 3a. Address P.O. Box 1930; Roswell N.M 88202 Stobins 20 Federa 11H 575-623-6601 4 Location of Well (Rogor Incohon clearly and in accohone with any Sube requirements ') 10. If Idd and Pod, of Exploratory Avalon E. Bone Spring 7 0 8 7 (J 14. Destance in miles and direction from nearest town or post office* 12. County or Parish Eddy Co. 13. State Eddy Co. 13. State Eddy Co. 14. Destance in miles and direction from nearest town or post office* 12. County or Parish Eddy Co. 13. State Eddy Co. 13. State Eddy Co. 13. State Eddy Co. 14. Dotain and the face, fl.	_	pproved by (Signature)	Name ((Printed/Typed)			Data JUN	16	2015					
JUN 16 2015	(March 2012) JUN 2 2 2015 Code No. 10004137 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OP LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 6 If Indian, Allote of Tribe Name 1a. Type of work: DRILL RECEIVED 1b. Type of Work: DRILL RECEIVED 2. Name of Operator Bargenenel, Name and No. 3b. Address p. O Box 1332 State No. 10004137 2. Name of Operator Herrory E-Vales 3b. Address p. O Box 1332 State No. 10004137 3b. Address p. O Box 1332 State No. 10004137 3c. Address p. O Box 1332 State No. 10004137 3b. Address p. O Box 1332 State No. 10004137 3c. Address p. O Box 1332 State No. 10004137 3c. Address p. O Box 1332 State No. 10004137 3c. Address p. O Box 1332 State No. 10004137 3c. Address p. O Box 1332 State No. 10004137 3c. Address p. O Box 1332 State No. 10004137 3c. Address p. O Box 1332 State No. 10004137 3c. Address p. O Box 1332 State No. 10004137 3c. Address p. O Box 1332 State No. 1000410004 3c. Address p.	UNITED STATES LEMARNST DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER APPLICATION FOR PERMIT TO DRILL OR REENTER Is the second of the second o	Ā	tie EIEL DAMANA OFF	Office		CARLSE	BAD FIELD OFFIC	CE							
Jun 16 2015	(March 2012) JUN ¥ 2 2015 CARENAL OREATS UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. MMM-036677 1a. Type of work: DRILL 1b. Type of work: DRILL 1b. Type of Well: Oal Well Odder 2. Name d Operator Herewy 5. Veles Marked or Probability 2. Name d Operator Herewy 5. Veles Marked or PRob. 2. Name d Operator Herewy 5. Veles Marked or PRob. 3b. Phone No methods what could be readed what one could be readed by a value regardwards 'J 4. Location of Well Rigger Location clearly and in accordware with any Base regardwards 'J 11. Sec. T. R. M. or Bilk and Surcy or Area 14. Distance in miles and direction from nearest town or post diffice* 12 County or Parish 13 State 15. Distance from proposed ford case 12.00 13. State 14. State State by NM 16. Dostance from proposed ford case 12.00 13. State 14. Dostance from proposed ford cas	UNITED STATES Expan: County of THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER I. Lease State No. NMMM-03677 I If Unit or CA Agreement, Name and No. Is the construction of the same I If Unit or CA Agreement, Name and No. Is the construction of the same Is the construction of the same I If Unit or CA Agreement, Name and No. Is the construction of the same I If Unit or CA Agreement, Name and No. Is the construction of the same I If Unit or CA Agreement, Name and No. Is the construction of the same Internation of the same I If Unit or CA Agreement, Name and No. Is the construction of the same Internation of the same Internatis accoretrate of the same		FIELD MANAGER	Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to											
the FIELD MANAGER Office CARLSBAD FIELD OFFICE Polication approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to nduct operations thereon.	(March 2012) JUN 2 2 2015 HOME STATES UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 3. Lass Scali Mandology 1a. Type of work: DRILL 1b. Type of work: DRILL 1a. Type of work: DRILL 1b. Type of work: Match or Co. 2b. Address P O Box 1932 B. Co. 3c. Address P O Box 1932 B. Phone No. (model or work) 3c. Address P O Box 1932 B. Phone No. (model or Co. 3c. Address P O Box 1932 B. Phone No. (model or code) 3c. Address P O Box 1932 B. Phone No. (model or code) 4. Location of Well floor 1 leastone clarghy and to accudate with any Bate represented.'1 Ust. L. Sec 20, T205, R29E 4. Location of Well floor 1 least end, the Match or Codes' 13. State 15. Destance from proposed Codes' 16. No. of acres in lease 12. Coanny cr Pariale 16. Match Code Codes of codes' 12. Coanny cr Pariale 12. Coanny cr Pariale <t< td=""><td>LINITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER In DEPARTMENT OF THE INTERIOR In Type of work: DIDRILL REENTER Is. Type of work: DDRILL Repute the type of work: DDRILL Repute the type of work: DDRILL Is. Type of work: DDRILL Repute the type of type of type</td><td>Ti Āj</td><td>pplication approval does not warrant or certify that the applicant holds l induct operations thereon.</td><td>legal or equita</td><td>ble title to those rights</td><td>-</td><td></td><td></td><td>· · ·</td><td></td></t<>	LINITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER In DEPARTMENT OF THE INTERIOR In Type of work: DIDRILL REENTER Is. Type of work: DDRILL Repute the type of work: DDRILL Repute the type of work: DDRILL Is. Type of work: DDRILL Repute the type of type of type	Ti Āj	pplication approval does not warrant or certify that the applicant holds l induct operations thereon.	legal or equita	ble title to those rights	-			· · ·						
the FIELD MANAGER Office CARLSBAD FIELD OFFICE Polication approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to nduct operations thereon.	(March 2012) JUN 2 2 2015 HOME STATES UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 3. Lass Scali Mandology 1a. Type of work: DRILL 1b. Type of work: DRILL 1a. Type of work: DRILL 1b. Type of work: Match or Co. 2b. Address P O Box 1932 B. Co. 3c. Address P O Box 1932 B. Phone No. (model or work) 3c. Address P O Box 1932 B. Phone No. (model or Co. 3c. Address P O Box 1932 B. Phone No. (model or code) 3c. Address P O Box 1932 B. Phone No. (model or code) 4. Location of Well floor 1 leastone clarghy and to accudate with any Bate represented.'1 Ust. L. Sec 20, T205, R29E 4. Location of Well floor 1 least end, the Match or Codes' 13. State 15. Destance from proposed Codes' 16. No. of acres in lease 12. Coanny cr Pariale 16. Match Code Codes of codes' 12. Coanny cr Pariale 12. Coanny cr Pariale <t< td=""><td>UNITED STATES Expression of the INTERIOR DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER In Type of work: DRILL Ia. Type of work: DRILL REENTER Ib. Type of Well: Only Well Only Well ON Well Only Well ID. Type of Well: Only Well ID. Mane of Operator Henryey E-Xalses Multiple Zone Mane of Operator Mathed on R PO BOX 1932 ID. Phone No. Include are codel ID. Mane of Operator Name of Operator A surface SHL: 1650' FSL & S0 FML ID. Econes Spring A surface SHL: 1650' FSL & S0 FML ID. Econes Spring ID. Distance from proposed Toxics S0 FEL ID. Distance from proposed Toxics 10 None State regimements? A surface Schwadt, N.M ID. Secone Finde Altrono in accordoose with any State regimements? ID. Secone Finde State State requinterments on outside: ID. Sec</td><td>Ti Āj</td><td>pplication approval does not warrant or certify that the applicant holds l induct operations thereon.</td><td>legal or equita</td><td>ble title to those rights</td><td>-</td><td></td><td></td><td>· · ·</td><td></td></t<>	UNITED STATES Expression of the INTERIOR DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER In Type of work: DRILL Ia. Type of work: DRILL REENTER Ib. Type of Well: Only Well Only Well ON Well Only Well ID. Type of Well: Only Well ID. Mane of Operator Henryey E-Xalses Multiple Zone Mane of Operator Mathed on R PO BOX 1932 ID. Phone No. Include are codel ID. Mane of Operator Name of Operator A surface SHL: 1650' FSL & S0 FML ID. Econes Spring A surface SHL: 1650' FSL & S0 FML ID. Econes Spring ID. Distance from proposed Toxics S0 FEL ID. Distance from proposed Toxics 10 None State regimements? A surface Schwadt, N.M ID. Secone Finde Altrono in accordoose with any State regimements? ID. Secone Finde State State requinterments on outside: ID. Sec	Ti Āj	pplication approval does not warrant or certify that the applicant holds l induct operations thereon.	legal or equita	ble title to those rights	-			· · ·						
Name (Printad/Tunad)	(March 2012) JUN 2 2 2015 OMENDATION FOR PERMITENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 3. Lease Serial No. NMMM-03677 1. If Unit or CA Agreement, Name and N Ia. Type of work: DRILL REENTER 7. If Unit or CA Agreement, Name and N Ib. Type of work: DRILL REENTER 7. If Unit or CA Agreement, Name and N 1b. Type of Well: Out Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator Harvey E. Yestes 9. API Well No. 30. O 1.5 - 4.3.2.0.1 3a. Address P.O Box 1936 3b. Phone No. (nehude area code) 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordance with any State requirement.*) 11. Sec., R. M. or Bik. and Survey or Arc 4. Isotance in miles and direction from nearest town or post office* 16. No. of acres in lease 17. Spacing Unit decicated to this well 15. Distance from proposed fog: 16. No. of acres in lease 17. Spacing Unit decicated to this well 16. Dotation of marching, completed, many 23. Estimated duration, discuster 23. State Reduct to this well 16. Dotation of marching, completed, many 23. Address 9.0 Show whether DF, KDB, RT, GL, etc.) 22. Approximate	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL Ia. Type of work: DRILL REENTER Ib. Type of Well: DRILL REENTER Ib. Type of Well: DRILL RECEIVED Address P.O Box 1936 Stephens colspan="2">Single Zone Multiple Zone Address P.O Box 1936 Box 1936 Roswell N.M 88202 Bb. Phone No. (include area code) 3a. Address P.O Box 1936 Bb. Phone No. (include area code) 4. Location of Well (Report location clearly and in accordence with any State regarement: 1) II. Sec., T. R. M. or Blk and Survey or Arc At surface SHL; 1650' FSL & 50' FWL Ho. State from proposed ford, cont sease line, fi. IS. State from proposed ford, num nearest town or post office* 15. Distance from proposed ford, on this lease, fi. If Multipel Zont If S. No of a arres in lease If. Social Social No. NMM 15. Distance from proposed ford, on this lease, fi. If Social Social No. NME If Social	3=2	A Surface Use Plan (if the location is on National Forest System L SUPO must be filed with the appropriate Forest Service Office). So Signature Caffey	Name (Keith C Name (Office	6. Such other site s BLM. (Printed/Typed) Cannon (Printed/Typed)	carlse	BAD FIELD OFFIC	Date 03/31/20 Data Data JUN CE	014						
	(March 2012) JUN 2 2 2015 Contents? (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BURBAU OF LAND MANA GEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 6 If Indian, Allotee or Tribe Name 1a. Type of work: DDRLL REENTER 1b. Type of Welt: Dol Walt Gas Welt Other 2 Name of Operator Recenter 9. API Welt No. 3a. Address P O Box 1036 Stobbins 20 Foderal 11 £515.00 3b. Address P O Box 1036 Stobbins 20 Foderal 11 £515.00 4 Location of Operator Recenter 9. API Welt No. 3a. Address P O Box 1036 Stobbins 20 Foderal 11 £515.00 4 Location of Welt Reperit leadown clearly and in accordance with any State requirement.* 9. API Welt No. 4 Location of Welt Reperit leadown clearly and in accordance with any State requirement.* 11. State 11. State 15 Distance in microsoft from neasest town or past othic* 12. County or Parish 13. State 16 Mathine and Ories Reserver 13. State 13. State 16 Distance from proposed location* 2307 13. Address or Call Address or Prish <t< td=""><td>UNITED STATES LEARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL RECENTER 1 If Unit or CA Agreement, Name and No. 1a. Type of work: DRILL REENTER 7 If Unit or CA Agreement, Name and No. 1b. Type of work: DRILL REENTER 7 If Unit or CA Agreement, Name and No. 1b. Type of Well: Oal Well Gas Well Other Single Zone Multiple Zone 2 Name of Operator Herrory E-Vales 9. API Well No. 30 - 0.15 - 4.32.01 3a. Address P. O Box 103.4 Brone No. (method or are and Agreement, Vane and No. 4 Jocation of Well Report become clearly and in accordence with any State regarement.') At affice SUL 500 FSL & 50 FVL At affice SHL: 1650 FSL & 50 FVL At affice SUL 500 FSL & 330 FEL 12 County or Pariah 14 Distance from properd' Soft property or less line, f. (Also in march dirg, unit line, if any) 13 State 15 Distance from properd' Soft property or less line, f. (Also in accordance with the requirements of Obstore Of and Gas Order No.1, must be attacked to this well 13 State 14 Distance from properd' Soft property or less line, f. (Also in accordance with the requirements of Obstore Of and Gas Order No.1, must be attacked to this well 13 State 15 Methore S</td><td>Ā</td><td>Seve Caffey</td><td></td><td></td><td>•</td><td></td><td>JUN</td><td>16</td><td>2015</td></t<>	UNITED STATES LEARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL RECENTER 1 If Unit or CA Agreement, Name and No. 1a. Type of work: DRILL REENTER 7 If Unit or CA Agreement, Name and No. 1b. Type of work: DRILL REENTER 7 If Unit or CA Agreement, Name and No. 1b. Type of Well: Oal Well Gas Well Other Single Zone Multiple Zone 2 Name of Operator Herrory E-Vales 9. API Well No. 30 - 0.15 - 4.32.01 3a. Address P. O Box 103.4 Brone No. (method or are and Agreement, Vane and No. 4 Jocation of Well Report become clearly and in accordence with any State regarement.') At affice SUL 500 FSL & 50 FVL At affice SHL: 1650 FSL & 50 FVL At affice SUL 500 FSL & 330 FEL 12 County or Pariah 14 Distance from properd' Soft property or less line, f. (Also in march dirg, unit line, if any) 13 State 15 Distance from properd' Soft property or less line, f. (Also in accordance with the requirements of Obstore Of and Gas Order No.1, must be attacked to this well 13 State 14 Distance from properd' Soft property or less line, f. (Also in accordance with the requirements of Obstore Of and Gas Order No.1, must be attacked to this well 13 State 15 Methore S	Ā	Seve Caffey			•		JUN	16	2015					
noroved by Simplure)	(March 2012) JUN 2 2 2015 Other 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NNNM-03677 1a. Type of work: DRILL REENTER 1b. Type of Well: Od Well Gas Well Other 2. Mane of Operator Gas Well Other Single Zone 3a. Address P O Box 1936 Stobbins 20 Federal 1H £3/5.00 3b. Phone No. (mclube area coded) Stobbins 20 Federal 1H £3/5.00 3b. Address P O Box 1936 Stobbins 20 Federal 1H £3/5.00 4. Location of Well (Rgart boation clearly and n accordance with any Sate regimement?) Andress P O Box 1936 Application the address of P O Box 1936 4. Location of Well (Rgart boation clearly and n accordance with any Sate regimement?) II. Sec. T. R. M. or Bik and Survey or Area At proposed pind cone z250° FSL & 330° FEL II. Sec. T. R. M. or Bik and Survey or Area 14. Distance in miles and direction from nearest town or post office* 16.00 15. Distance from proposed* God	UNITED STATES LAWERARST DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. NMMM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: OBILL RECEIVED Ib. Type of Well: OBILL		nnroved by (Signature)	Name ((Printed/Typed)		••		16	2015					
noroved by Simplure)	(March 2012) JUN 2 2 2015 Other 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. MNM-03677 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Oil Well Gas Well Other 2. Name of Operator Harrey E- Vates Reserved NM 88202 Single Zone Multiple Zone 3a. Address P. O Box 1936 Reserved NM 88202 3b. Phone No. (include area code) States from property leads in clearly and in accordance with any State regarament.*/ A surface SHL: 1650 FSL & 50 FWL A. Or IS- 4 32.01 14. Lostion of Well (Reyor beation clearly and in accordance with any State regarament.*/ A tartface SHL: 1650 FSL & 50 FWL 15. Soc. R. M. or BL and Survey or Area UL-L, Sec 20, T20S, R29E 14. Lostion of Well (Reyor Lostion clearly and in accordance with any State regarament.*/ A tartface SHL: 1650 FSL & 50 FWL 13. State 12 County or Parish 15. Distance from property clease inc, ft (Also interest dfg, unit line, if any) 19. Proposed Depth MD-12575* Plot Hole 18. Distance from property clease inc, ft (Also interest dfg, unit line, if any) 22. Approximate date work will dart* 160 18. Distance from properties (Show whether DF, KDB, RT, GL, ec.) 22. Approximate date work will dart* 160 24. Attachments 19. Work to Brand find with be exporements of Onshore	UNITED STATES LEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of work: DRILL REENTER 1a. Address p. 0. Box 1930; Roswell N.M 88202 Stobins 20 Federa 11H 3a. Address p. 0. Box 1930; Roswell N.M 88202 Stobins 20 Federa 1H 4. Location of Well (Faport location clearly out in accordance with any Sace requerements !) 10. Ridd and Pod, of Exploratory Avalon E. Bone Spring 4. Location of Well (Faport location from narcest town or post office* 12. County or Parish Eddy Co. 13. State Eddy Co. 15. Datase from proposed from proposed from proposed from narcest town or post office* 10. No. of acrest in lease 10. No. of acrest in lease 11. State Eddy Co. 15. Datase from proposed locator* 23.07 19. Proposed Depth Word: 0.01 (All MB Boo		nnroved by (Signature)	Name ((Printed/Typed)			Date							
noroved by Simplure)	(March 2012) JUN 2 2 2015 Other 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. MNM-03677 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Oil Well Gas Well Other 2. Name of Operator Harrey E- Vates Reserved NM 88202 Single Zone Multiple Zone 3a. Address P. O Box 1936 Reserved NM 88202 3b. Phone No. (include area code) States from property leads in clearly and in accordance with any State regarament.*/ A surface SHL: 1650 FSL & 50 FWL A. Or IS- 4 32.01 14. Lostion of Well (Reyor beation clearly and in accordance with any State regarament.*/ A tartface SHL: 1650 FSL & 50 FWL 15. Soc. R. M. or BL and Survey or Area UL-L, Sec 20, T20S, R29E 14. Lostion of Well (Reyor Lostion clearly and in accordance with any State regarament.*/ A tartface SHL: 1650 FSL & 50 FWL 13. State 12 County or Parish 15. Distance from property clease inc, ft (Also interest dfg, unit line, if any) 19. Proposed Depth MD-12575* Plot Hole 18. Distance from property clease inc, ft (Also interest dfg, unit line, if any) 22. Approximate date work will dart* 160 18. Distance from properties (Show whether DF, KDB, RT, GL, ec.) 22. Approximate date work will dart* 160 24. Attachments 19. Work to Brand find with be exporements of Onshore	UNITED STATES LEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of work: DRILL REENTER 1a. Address p. 0. Box 1930; Roswell N.M 88202 Stobins 20 Federa 11H 3a. Address p. 0. Box 1930; Roswell N.M 88202 Stobins 20 Federa 1H 4. Location of Well (Faport location clearly out in accordance with any Sace requerements !) 10. Ridd and Pod, of Exploratory Avalon E. Bone Spring 4. Location of Well (Faport location from narcest town or post office* 12. County or Parish Eddy Co. 13. State Eddy Co. 15. Datase from proposed from proposed from proposed from narcest town or post office* 10. No. of acrest in lease 10. No. of acrest in lease 11. State Eddy Co. 15. Datase from proposed locator* 23.07 19. Proposed Depth Word: 0.01 (All MB Boo		nnroved by (Signature)	Name ((Printed/Typed)			Date							
noroved by Simplure)	(March 2012) JUN 2 2 2015 Other 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. MNM-03677 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Oil Well Gas Well Other 2. Name of Operator Harrey E- Vates Reserved NM 88202 Single Zone Multiple Zone 3a. Address P. O Box 1936 Reserved NM 88202 3b. Phone No. (include area code) States from property leads in clearly and in accordance with any State regarament.*/ A surface SHL: 1650 FSL & 50 FWL A. Or IS- 4 32.01 14. Lostion of Well (Reyor beation clearly and in accordance with any State regarament.*/ A tartface SHL: 1650 FSL & 50 FWL 15. Soc. R. M. or BL and Survey or Area UL-L, Sec 20, T20S, R29E 14. Lostion of Well (Reyor Lostion clearly and in accordance with any State regarament.*/ A tartface SHL: 1650 FSL & 50 FWL 13. State 12 County or Parish 15. Distance from property clease inc, ft (Also interest dfg, unit line, if any) 19. Proposed Depth MD-12575* Plot Hole 18. Distance from property clease inc, ft (Also interest dfg, unit line, if any) 22. Approximate date work will dart* 160 18. Distance from properties (Show whether DF, KDB, RT, GL, ec.) 22. Approximate date work will dart* 160 24. Attachments 19. Work to Brand find with be exporements of Onshore	UNITED STATES LEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of work: DRILL REENTER 1a. Address p. 0. Box 1930; Roswell N.M 88202 Stobins 20 Federa 11H 3a. Address p. 0. Box 1930; Roswell N.M 88202 Stobins 20 Federa 1H 4. Location of Well (Faport location clearly out in accordance with any Sace requerements !) 10. Ridd and Pod, of Exploratory Avalon E. Bone Spring 4. Location of Well (Faport location from narcest town or post office* 12. County or Parish Eddy Co. 13. State Eddy Co. 15. Datase from proposed from proposed from proposed from narcest town or post office* 10. No. of acrest in lease 10. No. of acrest in lease 11. State Eddy Co. 15. Datase from proposed locator* 23.07 19. Proposed Depth Word: 0.01 (All MB Boo		nnroved by (Signature)	Name ((Printed/Typed)			Date	• •						
	(March 2012) JUN 2 2 2015 CMB (March 2012) (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMM-03677 6. If Indian, Allotee or Tribe Name 1a. Type of work: DRILL REENTER 7. If Unit or CA Agreement, Name and No. 1b. Type of Well: Other Single Zone Multiple Zone 2. Name of Operator Herrory-E-Yates 7. O. CA28937.) 3. PI Well No. 3a. Address P.O. Box 1936 To Stado R. P.R.D. Co. CA28937.) 3. PI Well No. 3a. Address P.O. Box 1936 3b. Phone No. (multule orise code) 575-623-6601 Avalon E. Bone Spring f. 7.0.877.0 4. Location of Well (Report location clearly and in accordonce with any State requirement; *) 10. Field and Pool, or Exploratory Avalon E. Bone Spring f. 7.0.877.0 14. Distance in miles and directin fram nearest town or post office* 10. Speaing Unit decidated to this well 10. Speaing Unit decidated to this well 15. Distance from proposed* 50° 16. No. of acres in lease 17. Spaaing Unit decidated to this well 16. Distance from proposed* 50° 19. Proposed Depth NM 13. State 15. Distance from proposed* 50° 22. Approximate date work will start* 23. ElzMEUA Bond No. on file 16. Distance from proposed* 50° 22.	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1. Exceedual of the colspan="2">Lass serial No. NMMM-03677 Is Type of work: DRILL In Type of work: DRILL In Type of work: DRILL In Type of work: DRILL Is Type of work: DRILL Is Type of work: DRILL In Type of Well: DRILL <		Drilling Superintendent					<u></u>							
Unling Superintendent	(March 2012) JUN 2 2 2015 CMB 36 100-0137 Expanse 30-0466 31 2014 MARCH 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. MNIM-03677 1a. Type of work: DRILL REENTER 1b. Type of Well: Oil Well Gas Well Other 2 Name of Operator Farever E- Xeates March 2012 9. APP Well No. Stebbrins 20 Federal 1H 2. Name of Operator March 2012 75-623-6601 Autopte Zone 3a. Address p O Box 1336 Resource March 2012 3b. Phone No. (occude area code) Resource March 2012 10. Field and Pool, or Exploratory Autor of Well Report beation 4. Locatic to Well Report beation Address p O Box 1336 Resource March 2012 15. Field and Pool, or Exploratory Autor of Well Report beation Autopte Ana Autor E. Bone Spring 7 D & 7 D AVAIO E. Bone Spring 4. Locatic to Well Report beation Application from nearest with any Sate regimement.* 11. Sec.; T. K. M. or Bik and Survey or Ana UL-L, Sec 20, T20S, R29E 14. Distance in miles and direction from nearest town or post office* 15. No. off arers in lease 17. Spacing Unit dedicated to this well HDD 12575' Piot Hole NMB000317 15. Distance from proposed location* 22. Approximate date work will start* 23. Estimated duration (15. Spacing Unit dedicated to this sertification (24. Attachmentis 16. Distance from proposed lo	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I a. Type of work: DRILL REENTER I b. Type of work: DRILL REENTER I b. Type of Well: OR Well Gas Well Other REENTER I b. Type of Well Gas Well Other REENTER I b. Type of Well Gas Well Other REENTER I b. Type of Well Gas Well Other REENTER I b. Type of Well Gas Well Other REENTER I b. Type of Well REENTER I b. Type of Well REGON REENTER I b. Type of Well REGON OF OR PROD REENTER I b. Type of Well REGON OF OR PROD REENTER I b. Type of Well REGON OF OR PROD REENTER I b. Castes Serial IM C. Type of Well REGON OF OR PROD REENTER I b. Castes Serial IM C. Type of Well REENTER I b. Castes Serial IM C. Type of Well REENTER I b. Castes Serial IM C. Type of Well REENTER I b. Castes Serial IM C. Type of Well REENTER I b. Castes S	Ti		I				d							
	(March 2012) JUN 2 2 2015 CMB 36 100-0137 Expanse 30-0466 31 2014 MARCH 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. MNIM-03677 1a. Type of work: DRILL REENTER 1b. Type of Well: Oil Well Gas Well Other 2 Name of Operator Farever E- Xeates March 2012 9. APP Well No. Stebbrins 20 Federal 1H 2. Name of Operator March 2012 75-623-6601 Autopte Zone 3a. Address p O Box 1336 Resource March 2012 3b. Phone No. (occude area code) Resource March 2012 10. Field and Pool, or Exploratory Autor of Well Report beation 4. Locatic to Well Report beation Address p O Box 1336 Resource March 2012 15. Field and Pool, or Exploratory Autor of Well Report beation Autopte Ana Autor E. Bone Spring 7 D & 7 D AVAIO E. Bone Spring 4. Locatic to Well Report beation Application from nearest with any Sate regimement.* 11. Sec.; T. K. M. or Bik and Survey or Ana UL-L, Sec 20, T20S, R29E 14. Distance in miles and direction from nearest town or post office* 15. No. off arers in lease 17. Spacing Unit dedicated to this well HDD 12575' Piot Hole NMB000317 15. Distance from proposed location* 22. Approximate date work will start* 23. Estimated duration (15. Spacing Unit dedicated to this sertification (24. Attachmentis 16. Distance from proposed lo	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL 1b. Type of Well: Oti Well 1b. Type of Well: Oti Well 1b. Type of Well: Oti Well 2. Name of Operator Hervey E. Veites 3a. Address P.O Box 1936 2. Name of Operator Hervey E. Veites 3a. Address p. O Box 1936 Bot Phone No (notable direa code) 3b. Phone No (notable direa code) Die Hell No (notable direa code) 3c. Address Scial I.N. 68202 575-623-6601 4. Location of Well (Report location clearly and in accordance with any State requirements t) U.L. Sec 20, T20S, R29E 4. Location of Well (Report location clearly and in accordance with any State requirements t) II. Sec, T. R. M. or Bik and Survey or Area 4. Distance from propased induct norm post office* 12 County or Parish Eddy Co. II. State 14. Dotation from nearest torum or post office* 12 County or Parish Eddy Co. <	Ti	ite Keetth (Keith C	Cannon	· · ·		03/31/2	014						
	(March 2012) JUN 2 2 2015 (March 2012) (March 2012) (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR RECEIVED 5. Lease Serial No. (March 2012) APPLICATION FOR PERMIT TO DRILL OR REENTER 6. If Indian, Allotes or Tribe Name Ia. Type of work: DRILL REENTER 7. If Unit or CA Agreement, Name and No. Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator Home YE, States 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No. 3a. Address P.O. Box 1936 To State Control Control (Control (UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER APPLICATION FOR PERMIT TO DRILL OR REENTER In Type of work: DRILL Ia. Type of work: DRILL REENTER Ib. Type of Wolf: OI Well Gas Well Other Ib. Type of Wolf: Non-off Operator Hervey E-Xeles Reserved Multiple Zone Address P.O Box 1936 Stingle Zone Multiple Zone 3a. Address P.O Box 1936 BSD. Phone No. (noclude area code) Stophone Zone, (noclude area code) 3b. Phone No. (noclude area code) Stophone Resord Address P.O Box 1936 4. Location of Well (Report Location clearly and in accordance with any Sate requirements*) ID. Field and Pool, or Exploratory A surface SHL: 1650° FSL & 30° FWL Hervey E-Xeles ID. Field and Pool, or Exploratory A proposed pool, and cine clearly and in accordance with any Sate requirements*) ID. State E-Gody Co. ID. Millip, Congle Arabic Ar	2	5. Signature		7			1	014						
Ile Ile	(March 2012) JUN 2 2 2015 CORE No. 1004-0137 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial M. Ia. Type of work: DRILL REENTER 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well Oat Well Gas Well Other Single Zone 9. API Well No. 3. Address P. D Box 1936 March 2012 75-623-6601 9. API Well No. 300.15- 43.20.1 3a. Address P. D Box 1936 Box Phone No. (include airea code) 10. Field and Pool or Exploratory 76-623-6601 4. Location of Well (Report location clearly and in accordence with any State regirements.*) 11. Sec, T. R. M. or Bik and Survey or Area At proposed prod. zone. 22507 FSL & 3.307 FEL 14. Destance from proposed* 50° 16. No. of acres in lease 17. Spacing Unit dedicated to this well 1b. Distance from proposed* 50° 21.6 No. of acres in lease 17. Spacing Unit dedicated to this well 10. 15. Distance from proposed* 50° 21.6 No. of acres in lease 17. Spacing Unit dedicated to this well 10. 16. No. of acres in lease 17. Spacing Unit dedicated to this well </td <td>UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANA GEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DRILL REENTER I.a. Type of work: DRILL REENTER I.a. Type of work: DRILL REENTER I.a. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL</td> <td>=2</td> <td>5. Signature</td> <td></td> <td>(Printed/Typed)</td> <td></td> <td></td> <td colspan="3">Date</td>	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANA GEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DRILL REENTER I.a. Type of work: DRILL REENTER I.a. Type of work: DRILL REENTER I.a. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL REENTER I.A. Type of Welt: DRILL	=2	5. Signature		(Printed/Typed)			Date							
Ile Ile	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. MNNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: DRILL REENTER Ib. Type of work: Old Well Gas Well Other Ia. Type of work: Imposed Theory E-Yates 9. API Well No. Stebbins 20 Federal 1H 6. J.55.00 2. Name of Operation Marchador Prop. Co. £228937 30. O. 15- 43201 3a. Address P.O. Box 1936 Bb. Phone No. (methade area code) 575-623-6601 4. Leste Name and Well No. Stebbins 20 Federal 1H £3/50.00 3a. Address P.O. Box 1936 Bb. Phone No. (methade area code) 10. Field and Pool, ot Exploratory 4. Location of Well (Report locator. clearly and in necordance with any State regarement.*) 11. See, T. R. M. or Bilt, and Survey or Area 14. Distance in miles and direction from nearest town or post office* 12 County or Parish Eddy Co. 13. State 15. Distance from proposed '50' roperty or lesse in, f. 23.07' 19. Proposed Depth MD-12575' 10. Hole MME000317 18. Destance from proposed '50' roperty or lesse in, f.	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANA GEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DDRILL REENTER I.a. Type of Welt: DDRILL REENTER I.a. Type of Welt: DDRILL REENTER I.a. Type of Welt: DDRILL REENTER I.a. Type of Welt: DDRILL REENTER I.a. Type of Welt: DDRILL REENTER I.B.	=2		Name (BLM.										
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. MNNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: DRILL REENTER Ib. Type of work: Old Well Gas Well Other 2. Name of Operation Handra or 8. Lesse Name and Well No. Stebbins 20 Federal 1H £3/50.00 3. Address P.O. Box 1936 B. Phose No. (include area code) 9. API Well No. 30. O 15- 43201 3a. Address P.O. Box 1936 B. Phose No. (include area code) 10. Field and Pool, of Exploratory Avaion E. Bone Spring £ 70 8 70 4. Location of Well (Report Lection clearly and in accordance with any State regarement.*) 11. Sec., T. R. M. or Bit. and Survey or Area UL-L, Sec 20, T20S, R29E 14. Distance in miles and directon from nearest town or post office* 12. County or Parish Eddy Co. 13. State Eddy Co. 15. Distance from proposed ford zone, 2250 (FSL & 300' FFL 10. Proposed Depth MD-12575' Pilot Hole mappiled for, on this lesse, ft 19. Proposed Depth MD-12575' Pilot Hole TVD- 8018' 9500' 13. State Eddy Co. 14. Distance from proposed for gor properiod via file, edd 23. Estimated duration 45. Days 23. Est	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I. Type of work: DDITLL REENTER I. Type of work: DDITLL REENTER I. Type of work: DDITLL REENTER I. Type of Welt: DOI Welt Gas Welt Other Single Zone Multiple Zone I. Hunit or CA Agreement, Name and No. I. Lease Serial No. MMM-03677 I. If Indian, Allotee or Tribe Name I. Type of Welt: DOI Welt Gas Welt Other Single Zone I. Multiple Zone I. Name of Operator Herrey-E-Yates Address P.O. Box 1936 Rosswell NM 88202 I. Eards France and Well No. Stebbins 20 Federal 1H <i>f 315.01</i> I. Field and Pool, or Exploratory Rosswell NM 88202 I. Eards France Structure with any State requirements 1 I. Distance from proposed for date in miles and direction from nearest town or post office* I. Distance from proposed for classible, NM I. Distance from proposed for proposed for gong tend, if any) I. Distance from proposed for classible, NM I. Distance from proposed for proposed for proposed for proposed for proposed for the set fig. ft. (Also Ionearest Mell, ft. ft. any) I. Distance from proposed for pr	=		Name (BLM.		mation and/or plans a		quired t	by the					
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. MNNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: On Well Gas Well Other 2. Name of Operation Hainingle Zone Multiple Zone 8. Lesse Name and Well No. Stebbins 20 Federal 1H 2. Name of Operation Heave Name 9. API Well No. Stebbins 20 Federal 1H 5/5/50.07 3. Address P. O Box 1936 Roswell N.M 88202 Bb. Phose No. (include area code) 9. API Well No. Stebbins 20 Federal 1H 5/5/50.07 3. Address P. O Box 1936 Roswell N.M 88202 Bb. Phose No. (include area code) 10. Field and Pool, ot Exploratory Avalon E. Bone Spring £ 70 8 70 4. Location of Well (Report location clearly and in accordance with any State regarements ') At surface 5 ML: 1650' FSL & 50' FWL 11. Sec., T. R. M. or BiL and Survey or Area UL-L, Sec 20, T20S, R29E 14. Distance in miles and direction from nearest town or post office* 12 County or Parish Eddy Co. 13. State Eddy Co. 14. Distance in miles and direction from nearest town or post office* 160 17. Spacing Unit dedicated to this well TWD- 8018' 950' 18. Distance from proposed forg poperty or lesse line, f. MAiso loncat	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.A. Address P.O Box 1936 Received and Well Mo. Stebbins 20 Federal 1H	=		Name (BLM.	pecific infor	mation and/or plans a		quired l	by the					
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. MNNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: On Well Gas Well Other 2. Name of Operation Hainingle Zone Multiple Zone 8. Lesse Name and Well No. Stebbins 20 Federal 1H 2. Name of Operation Heave Name 9. API Well No. Stebbins 20 Federal 1H 5/5/50.07 3. Address P. O Box 1936 Roswell N.M 88202 Bb. Phose No. (include area code) 9. API Well No. Stebbins 20 Federal 1H 5/5/50.07 3. Address P. O Box 1936 Roswell N.M 88202 Bb. Phose No. (include area code) 10. Field and Pool, ot Exploratory Avalon E. Bone Spring £ 70 8 70 4. Location of Well (Report location clearly and in accordance with any State regarements ') At surface 5 ML: 1650' FSL & 50' FWL 11. Sec., T. R. M. or BiL and Survey or Area UL-L, Sec 20, T20S, R29E 14. Distance in miles and direction from nearest town or post office* 12 County or Parish Eddy Co. 13. State Eddy Co. 14. Distance in miles and direction from nearest town or post office* 160 17. Spacing Unit dedicated to this well TWD- 8018' 950' 18. Distance from proposed forg poperty or lesse line, f. MAiso loncat	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I. Type of work: DDIFLIL REENTER I. Type of work: DDIFLIL REENTER I. Type of Welt: DOI Welt Gas Welt Other REENTER I. Type of Welt: DOI Welt Gas Welt Other REENTER I. Lease Serial No. MMM-03677 I. If Unit or CA Agreement, Name and No. REENTER I. Lease Name and Well No. REENTER I. Lease Name and Well No. REENTER I. Lease Name and Well No. REENTER I. Type of Welt: Network Received Recei	=		Name	BLM.	pecific infor	mation and/or plans a		quired l	by the					
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 1004-1937 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: DRILL REENTER Ib. Type of Well: Ool Well Gas Well Other 2. Name of Operator Harvey E-Yates 9. API Well No. 3a. Address P. O Box 1936 30. Phone No. (nclude or of a code) 3b. Address P. O Box 1936 30. Phone No. (nclude or of a code) 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordance with any State reparement.*) 11. Sec. T. R. M. or Bik. and Survey or Area 4. Location of East of Carlsbad, N.M 2150.97 12. County or Parish 13. State 14. Dotation of miles and fired from nearest town or post office* 12. County or Parish 13. State 14. Dotation of method in accordance with any State reparement.*) 11. Sec. T. R. M. or Bik. and Survey or Area 14. Distance from proposed* 50° 16. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed* 50° 19. Proposed Depth NM	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Ool Well Gas Well Other 2 Name of Operator Henroy E. Vates 9. API Well No. 3b. Phone No. (noclude orna code) 9. API Well No. Stebbins 20 Federal 1H. 3a. Address P.O Box 1936 BOX 1936 3b. Phone No. (noclude orna code) 9. API Well No. 3a. Address P.O Box 1936 BOX 1936 BOX 1936 BOX 1936 Avalon E. Bone Spring Co. 15 - 4 32 01 3b. Phone No. (noclude orna code) 10. Field and Pool, or Exploratory Navion E. Bone Spring Co. 15 - 4 32 01 3a. Address P.O Box 1936 BOX 1936 BOX 1936 BOX 1936 BOX 1936 4 Location of Well (Report location clearly and in accordance with any State requirements.") 10. Field and Pool, or Exploratory Avalon E. Bone Spring Co. 15 - 4 32 01 14. Distance from proposed ford. zone 2250° FSL & 330° FEL 11. Sec., T. R. M. or Bik and Survey or Area U.L., Sec 20, T20S, R29E 14. Distance from proposed f	=	SUPO must be filed with the appropriate Forest Service Office).		6. Such other site s BLM.		mation and/or plans a	s may be re	quired l	by the					
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 1004-1937 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: DRILL REENTER Ib. Type of Well: Ool Well Gas Well Other 2. Name of Operator Harvey E-Yates 9. API Well No. 3a. Address P. O Box 1936 30. Phone No. (nclude or of a code) 3b. Address P. O Box 1936 30. Phone No. (nclude or of a code) 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordance with any State reparement.*) 11. Sec. T. R. M. or Bik. and Survey or Area 4. Location of East of Carlsbad, N.M 2150.97 12. County or Parish 13. State 14. Dotation of miles and fired from nearest town or post office* 12. County or Parish 13. State 14. Dotation of method in accordance with any State reparement.*) 11. Sec. T. R. M. or Bik. and Survey or Area 14. Distance from proposed* 50° 16. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed* 50° 19. Proposed Depth NM	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Ool Well Gas Well Other 2 Name of Operator Henroy E. Vates 9. API Well No. 3b. Phone No. (noclude orna code) 9. API Well No. Stebbins 20 Federal 1H. 3a. Address P.O Box 1936 BOX 1936 3b. Phone No. (noclude orna code) 9. API Well No. 3a. Address P.O Box 1936 BOX 1936 BOX 1936 BOX 1936 Avalon E. Bone Spring Co. 15 - 4 32 01 3b. Phone No. (noclude orna code) 10. Field and Pool, or Exploratory Navion E. Bone Spring Co. 15 - 4 32 01 3a. Address P.O Box 1936 BOX 1936 BOX 1936 BOX 1936 BOX 1936 4 Location of Well (Report location clearly and in accordance with any State requirements.") 10. Field and Pool, or Exploratory Avalon E. Bone Spring Co. 15 - 4 32 01 14. Distance from proposed ford. zone 2250° FSL & 330° FEL 11. Sec., T. R. M. or Bik and Survey or Area U.L., Sec 20, T20S, R29E 14. Distance from proposed f	ر		anus, uic	6. Such other site s		mation and/or plans a	s may be re	quired l	by the					
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 1004-1937 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: DRILL REENTER Ib. Type of Well: Ool Well Gas Well Other 2. Name of Operator Harvey E-Yates 9. API Well No. 3a. Address P. O Box 1936 30. Phone No. (nclude or of a code) 3b. Address P. O Box 1936 30. Phone No. (nclude or of a code) 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordance with any State reparement.*) 11. Sec. T. R. M. or Bik. and Survey or Area 4. Location of East of Carlsbad, N.M 2150.97 12. County or Parish 13. State 14. Dotation of miles and fired from nearest town or post office* 12. County or Parish 13. State 14. Dotation of method in accordance with any State reparement.*) 11. Sec. T. R. M. or Bik. and Survey or Area 14. Distance from proposed* 50° 16. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed* 50° 19. Proposed Depth NM	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Ool Well Gas Well Other 2 Name of Operator Henroy E. Vates 9. API Well No. 3b. Phone No. (noclude orna code) 9. API Well No. Stebbins 20 Federal 1H. 3a. Address P.O Box 1936 BOX 1936 3b. Phone No. (noclude orna code) 9. API Well No. 3a. Address P.O Box 1936 BOX 1936 BOX 1936 BOX 1936 Avalon E. Bone Spring Co. 15 - 4 32 01 3b. Phone No. (noclude orna code) 10. Field and Pool, or Exploratory Navion E. Bone Spring Co. 15 - 4 32 01 3a. Address P.O Box 1936 BOX 1936 BOX 1936 BOX 1936 BOX 1936 4 Location of Well (Report location clearly and in accordance with any State requirements.") 10. Field and Pool, or Exploratory Avalon E. Bone Spring Co. 15 - 4 32 01 14. Distance from proposed ford. zone 2250° FSL & 330° FEL 11. Sec., T. R. M. or Bik and Survey or Area U.L., Sec 20, T20S, R29E 14. Distance from proposed f	J		anus, mc	6. Such other site s		mation and/or plans a	s may be re	quired l	by the					
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 1004-1937 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: DRILL REENTER Ib. Type of Well: Ool Well Gas Well Other 2. Name of Operator Harvey E-Yates 9. API Well No. 3a. Address P. O Box 1936 30. Phone No. (nclude or of a code) 3b. Address P. O Box 1936 30. Phone No. (nclude or of a code) 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordance with any State reparement.*) 11. Sec. T. R. M. or Bik. and Survey or Area 4. Location of East of Carlsbad, N.M 2150.97 12. County or Parish 13. State 14. Dotation of miles and fired from nearest town or post office* 12. County or Parish 13. State 14. Dotation of method in accordance with any State reparement.*) 11. Sec. T. R. M. or Bik. and Survey or Area 14. Distance from proposed* 50° 16. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed* 50° 19. Proposed Depth NM	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1b. Type of Well: Onl Well Gas Well Other 2 Name of Operator Henroy E. Vates 9. API Well No. 3a. Address P.O Box 1936 BOX 1936 3b. Phone No. (notable oriso code) 9. API Well No. 3a. Address P.O Box 1936 Box 1936 Box 1936 Box 1936 Box 1936 4. Location of Well (Report location: clearly and in accordance with any State requirements." 10. Field and Pool, or Exploratory 4. Location of Well (Report location: clearly and in accordance with any State requirements." 11. Sec., T. R. M. or Bik and Survey or Area 14. Distance in miles and direction from nearest town or post office* 12. County or Parish 13. State 15. Distance from proposed ford, and this requirements of On-15575 Pilot Hole NB0000317 17. Specing Unit decitated to this well 10.15575 Pilot Hole 18. Distance from proposed location* 23. Approximate date work will start	=			6. Such other site s BLM.	pecific infor	mation and/or plans a	s may be re	quired l	by the					
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. MNNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: On Well Gas Well Other 2. Name of Operation Hainingle Zone Multiple Zone 8. Lesse Name and Well No. Stebbins 20 Federal 1H 2. Name of Operation Heave Name 9. API Well No. Stebbins 20 Federal 1H 5/5/50.07 3. Address P. O Box 1936 Roswell N.M 88202 Bb. Phose No. (include area code) 9. API Well No. Stebbins 20 Federal 1H 5/5/50.07 3. Address P. O Box 1936 Roswell N.M 88202 Bb. Phose No. (include area code) 10. Field and Pool, ot Exploratory Avalon E. Bone Spring £ 70 8 70 4. Location of Well (Report location clearly and in accordance with any State regarements ') At surface 5 ML: 1650' FSL & 50' FWL 11. Sec., T. R. M. or BiL and Survey or Area UL-L, Sec 20, T20S, R29E 14. Distance in miles and direction from nearest town or post office* 12 County or Parish Eddy Co. 13. State Eddy Co. 14. Distance in miles and direction from nearest town or post office* 160 17. Spacing Unit dedicated to this well TWD- 8018' 950' 18. Distance from proposed forg poperty or lesse line, f. MAiso loncat	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I. Type of work: DDIFLIL REENTER I. Type of work: DDIFLIL REENTER I. Type of Welt: DOI Welt Gas Welt Other REENTER I. Type of Welt: DOI Welt Gas Welt Other REENTER I. Lease Serial No. MMM-03677 I. If Unit or CA Agreement, Name and No. REENTER I. Lease Name and Well No. REENTER I. Lease Name and Well No. REENTER I. Lease Name and Well No. REENTER I. Type of Welt: Network Received Recei	=			BLM.	pecific infor	mation and/or plans a		juired t						
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. MNNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: On Well Gas Well Other 2. Name of Operation Hainingle Zone Multiple Zone 8. Lesse Name and Well No. Stebbins 20 Federal 1H 2. Name of Operation Heave Name 9. API Well No. Stebbins 20 Federal 1H 5/5/50.07 3. Address P. O Box 1936 Roswell N.M 88202 Bb. Phose No. (include area code) 9. API Well No. Stebbins 20 Federal 1H 5/5/50.07 3. Address P. O Box 1936 Roswell N.M 88202 Bb. Phose No. (include area code) 10. Field and Pool, ot Exploratory Avalon E. Bone Spring £ 70 8 70 4. Location of Well (Report location clearly and in accordance with any State regarements ') At surface 5 ML: 1650' FSL & 50' FWL 11. Sec., T. R. M. or BiL and Survey or Area UL-L, Sec 20, T20S, R29E 14. Distance in miles and direction from nearest town or post office* 12 County or Parish Eddy Co. 13. State Eddy Co. 14. Distance in miles and direction from nearest town or post office* 160 17. Spacing Unit dedicated to this well TWD- 8018' 950' 18. Distance from proposed forg poperty or lesse line, f. MAiso loncat	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of Welt: DDIPLICATION FOR PERMIT TO DRILL OR REENTER I.A. Address P.O Box 1936 Received and Well Mo. Stebbins 20 Federal 1H	=		Nome	BLM.		mation and/or plans a		intea l						
tle Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 100-01937 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of work: DRILL REENTER Ib. Type of Welt: Oil Well Gas Well Other 2. Name of Operator Harvey E. Yesters 8. Lesse Name and Well No. Stebbins 20 Federal 1H 515000 2. Name of Operator March 20 cR PROD. Co. (228937) 30. Of 15 - 43201 3a. Address P. O Box 1936 Roswell NM 88202 30. Phone No. (molude or or code) 10. Field and Pool, or Exploratory A surface SHL; 1650' FSL & S0' FVL VL UL-L, Sec 20, T20S, R29E 11. Sec, T. R. M. or Bik. and Survey or Area 4. Location of Well (Report location from nearest town or post office* 12. County or Parish Eddy Co. 13. State 14. Dotation of miles and director from nearest town or post office* 14. No. 15. Distance from proposed' 50° property or lease line, ft. (MAB 000317 13. State 15. Distance from proposed sory property or lease line, ft. (Also increast drig, unit line, if any) 19. Proposed Depth MME 000317 10. Field and boxory the operations unless covered by an exi	UNITED STATES DEPARTMENT OF THE INTERIOR BURRAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER I.a. Type of work: DRILL OF REENTER I.a. Type of work: DRILL OR REENTER I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: ON Well Gas Well Other I.a. Type of Well: I.a. Type of Well: I.a. Type of Well I.a. Type of Well: I.a. Type of Well: I.a. Type of Well I.I. Type of W	_			6. Such other site s		mation and/or plans a	s may be re	quired l	by the					
BLM. BLM. 5. Signature Name (Printed/Typed) Keith Cannon 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 106-01937 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 15 Lease Serial No. NMNM-03677 5 Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER 7 If Unit or CA Agreement, Name and No. Ib. Type of Work: ORI Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator Henroy E-Yetes 8. Lease Name and Well No. Stebbins 20 Foederal 1H 515.00 3. Address P.O Box 1936 BP. DBox 1036 30-015-43201 10. Field and Pool, or Exploratory Avaion E. Bone Spring 4 70.870 4. Location of Well (Report leartion clearly and in accordance with any State regarements ") At surface SHL; 1650' FSL & 50' FNL 11. Sec, T. R. M. or BIL. and Survey or Area UL-L, Sec 20, T20S, R29E 14. Dostance in miles and direction from nearest town or post office* 16. No. of acress in lease 170-018' 9500' 17. Spacing Unit dedicated to this well 160.0317 15. Distance from proposed from proposed for, on this tease, ft. 23.270' 19. Proposed Depth MD-12575' 10. Eld/BIA Bond No. on file NMB000317 18. Distance from proposed location - 2370' 19. Proposed Depth MD-12575' 10. Eld/BIA Bond No. on file NMB000317 21. Eld/BI	UNITED STATES LEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1 If Unit or CA Agreement, Name and No. 1. Type of work: DRILL Import to DRILL Import to DRILL OR REENTER 1. If Unit or CA Agreement, Name and No. 1. If Unit or CA Agreement, Name and No. 1. If Unit or CA Agreement, Name and No. 1. If Unit or CA Agreement, Name and No. 1. If Unit or CA Agreement, Name and No. 1. If Unit or CA Agreement, Name and No. 1. If Unit or CA Agreement, Name and No. 1. If Unit or CA Agreement, Name and No. 2. Name of Operator Harvey E-Veates Mark of Operator Harvey E-Veates Name of Operator Harvey E-Veates<		B. A Surface Use Plan (if the location is on National Forest System L	lands, the	5. Operator certifica		motion and/or al-a	a mar k		hr tha					
A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the BLM. 5. Signature Name (Printed/Typed) Keith Cannon Date 03/31/2014	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial Ma MMM-03677 1a. Type of work: DRILL REENTER 1b. Type of Well: Oil Well Gas Well 2 Name of Operator Harvey E. Yates 3a. Address P.O Box 1936 Rosewill N.M 88202 States code 3b. Phose No. (include area code) 10. Field and Pool, or Exploratory Avation E. Bone Spring A surface SHL, 1650' FSL & 30' FEL 14. Distance in miles and direction from nearest lown or post office* 15. Distance from proposed* 50' 16. Nines, e.f. 10. No. of acres in lease 17. Spacing Unit dedicated to this well 160 18. Distance from proposed* 2370' 19. Distance from proposed* 2370' 19. Distance from proposed 2370' 19. Distance from proposed location* property or lease, fl. 19. Proposed Depth MD-12575' 19. Distance from proposed location* 24. Attrachments 23. Estimated duration 23. Estimated duration 23. Estimated duration 23. Estimated duration	Light CAWEKARST UNITED STATES LEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL Ia. Type of work: DRILL REENTER Ib. Type of Well: OI Well Gas Well Other Ib. Type of Well: OI Well Gas Well Other Ib. Type of Well: OI Well Gas Well Other Ib. Type of Well: OI Well Gas Well Other Ib. Type of Well: OI Well Gas Well Other Ib. Type of Well: Image Could and the accord one of the theory E. Yothes 9. API Well No. 3a. Address P.O Box 1936 RCD. Co. Co. Roswell NM 88202 3b. Phone No. (minude afea code) 10. Field and Pool, or Exploratory Address P.O Box 1936 So 'FWL II. Sec., T. R. M. or BiL and Survey or Area At surface SHL; 1650' FSL & 50' FWL II. Sec. II. Sec., T. R. M. or BiL and Survey or Area It. Distance from proposed' 50' If No. of acres in lease 17. Spacing Unit dedicated to this well Is Distance from proposed' 50' If No. of acres in lease 17. Spacing Unit dedicated to this well					e operations	s unless covered by an	n existing be	and on	file (see					
A Drilling Plan. Item 20 above). A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the BLM. 5. Signature Name (Printed/Typed) Keith Cannon Date 03/31/2014	JUN 2 2 2015 March 2012) JUN 2 2 2015 OMB No. 106-0137 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lesse Serial No. NMNM-03677 Ia. Type of work: DRILL RECEIVED Ib. Type of Well: Onli Well Gas Well Other Control Markad or Address P.O Box 1936 State of Operator Henrye F. Vales Markad or Control Ja. Address P.O Box 1936 Rescue In Miliple Zone Single Zone Ja. Address P.O Box 1936 Rescue In Miliple Zone Single Zone Ja. Address P.O Box 1936 Rescue IN M 88202 Stotane and Well No. Stotane Control Henrye F. Vales Solution of Control Henrye F. Vales Markad or R Prop. Co. Ca28937 Ja. Address P.O Box 1936 Solution of Exploratory Address P.O Box 1936 Solution of Control Henrye F. Vales Io. Field and Pool, or Exploratory Address FIL: 1650' FSL & 50' FWL II. Seate requirements ') II. Sec. T. R. M. or Bik. and Survey or Area I4. Destance in miles and direction from nearest town or post office* If Miles East of Carlsbad, N.M I5. Distance from proposed iner, ft. (Also Inte	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 2. Name of Operator Harrey E. Vales 9. API Well No. 2. Name of Operator Harrey E. Vales 9. API Well No. 3. Address P.O Box 1336 75-623-6601 4. Location of Well (Report location clearly and in accordance with any State requirements ') 10. Field and Pool, or Exploratory 4. Location of Well (Report location from nearest town or post office* 16. No. of acres in lease 17. Spacing Unit dedicated to this well 14. Distance in miles and direction from nearest town or post office* 16. No. of acres in lease 17. Spacing Unit dedicated to this well 14. Distance in miles and function from nearest town or post office* 16. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed* 50' 16. No. of acres in lease 17. Spacing Unit dedicated to this well 16. No. aff acres in lease, fit 19. Proposed Depth 20. BLM/BIA Bond No. on file NMB000317 18. Distance from proposed location * 2370' 19. Proposed Depth 20. BLM/BIA				Order No.1, must be att										
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). Signature Name (Printed/Typed) Keith Cannon Date 03/31/2014 	(March 2012) JUN 2 2 2015 OMB No. 100-0137 Expire 0 dolbr 31, 2014 (March 2012) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMM-03677 1a. Type of work: DRILL RECEIVED 1a. Type of work: DRILL REENTER 1a. Type of work: DRILL REENTER 1a. Type of Well: Oid Well Gas Well Other 2 Name of Operator Herroy E. Notes 9. API Well No. 3a. Address P.O Box 1936 3b. Phone No. (include area code) 50. Fisle 3 20 Federal 1H 3a. Address P.O Box 1936 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordance with any State requirements *) 11. Sec, T. R. M. or Bik. and Survey or Area 14. Distance in miles and direction from nearest town or post office* 15. Nine from proposed ford zone 2250' FSL & 330' FEL 14. Distance in miles and direction from nearest lown or post office* 160 15. Distance from proposed location* 2370' 16. Distance from proposed location* 2370' 17. Spacing Unit decidicated to this well 18. Distance from proposed locatine* 19. Proposed Depth <td>UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1b. Type of work: DRILL REENTER 1b. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Stebbins 20 Federal 1H 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Stebbins 20 Federal 1H 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Stebbins 20 Federal 1H 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Stebbins 20 Federal 1H 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Stebbins 20 Federal 1H 1c. Stebbins 20 Federal 1H 1c. Stebbins 20 Federal 1H 1c. Stebbins 20 Federal 1H 1c. Countor of Well (Report leasting and in accordence with any Stet requirements ') 1c. Location of Well (Report least for relative and in accordence with any Stet requirements ') 1c. Location of Well (Report least for mon earcest town or post office* 1c. County or Parish 1c. County or Parish 1c. County or Parish 1c. State 1c. County or Parish 1c. State 1c. County or Parish 1c. State 1c. State Trom proposed State (Carlsbad, N.M 1c. Distance from proposed State (Carlsbad, N.M 1c. Distance from proposed (State), C. 1c. Bistance from proposed (State), C. 1c. Elevations (Show whether DF, KDB, RT, CL, etc.) 2c. Elevations (Show whether DF, KDB, RT, CL, etc.) 2c. State of the state of Carlsbad, N. 2d. Elevations (Show whether DF, KDB, RT, CL,</td> <td>-</td> <td></td> <td>L</td> <td></td> <td>I</td> <td></td> <td>, · · ·</td> <td></td> <td><u> </u></td>	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1b. Type of work: DRILL REENTER 1b. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Stebbins 20 Federal 1H 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Stebbins 20 Federal 1H 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Stebbins 20 Federal 1H 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Stebbins 20 Federal 1H 1c. Type of Well: OIL CA Agreement, Name and No. 1c. Stebbins 20 Federal 1H 1c. Stebbins 20 Federal 1H 1c. Stebbins 20 Federal 1H 1c. Stebbins 20 Federal 1H 1c. Countor of Well (Report leasting and in accordence with any Stet requirements ') 1c. Location of Well (Report least for relative and in accordence with any Stet requirements ') 1c. Location of Well (Report least for mon earcest town or post office* 1c. County or Parish 1c. County or Parish 1c. County or Parish 1c. State 1c. County or Parish 1c. State 1c. County or Parish 1c. State 1c. State Trom proposed State (Carlsbad, N.M 1c. Distance from proposed State (Carlsbad, N.M 1c. Distance from proposed (State), C. 1c. Bistance from proposed (State), C. 1c. Elevations (Show whether DF, KDB, RT, CL, etc.) 2c. Elevations (Show whether DF, KDB, RT, CL, etc.) 2c. State of the state of Carlsbad, N. 2d. Elevations (Show whether DF, KDB, RT, CL,	-		L		I		, · · ·		<u> </u>					
he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: . Well plat certified by a registered surveyor. . A Drilling Plan. . A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 5. Signature Name Name Printed/Typed/ Keith Cannon	(March 2012)JUN 2 2 2015Odd No. 1000-0137 Express Octaber 31, 2014(March 2012)UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. MMM-036771a. Type of work: \Box DRILLREENTER7. If Unit or CA Agreement, Name and No.1a. Type of work: \Box DRILLREENTER7. If Unit or CA Agreement, Name and No.1b. Type of Well: \Box Oil WellGas WellOther \Box Single ZoneMultiple Zone2. Name of OperatorHervey E-Yates Marfacd or9. API Well No. Stebbins 20 Federal 1H $f J 5 5 0.0$ 3a. AddressP.O Box 1936 Roswell N.M 882023b. Phone No. (include area code) 575-623-660110. Field and Pool, or Exploratory Avaion E. Bone Spring9. API Well No. 30-015-432013a. AddressP.O Box 1936 Roswell N.M 882023b. Phone No. (include area code) 575-623-660110. Field and Pool, or Exploratory Avaion E. Bone Spring10. Field and Pool, or Exploratory Avaion E. Bone Spring7 0 8 7 0 8 7 0 NMM4. Location of Well (Report location clearly and in accordance with any State requirements.')11. Sec., T. R. M. or Bik and Survey or Area UL-L, Sec 20, T20S, R29E4. Isotance in miles and direction from nearest toring or post office* 15 Miles East of Carlsbad, N.M16. No, of acres in lease 2150.9717. Spacing Unit dedicated to this well 16013. Distance from proposed* to cators arest property or lease line, ft. (Also to marest well, diffing, completed, applied for, ot this lease, ft.19. Proposed Depth MD-12575' Pilot Hole TVD- 8018' 9500' <td< td=""><td>LINITED STATES LEXPRENDENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 14. Type of work: DRILL REENTER 1. If Unit or CA Agreement, Name and No. 18. Type of work: DRILL IDRILL REENTER 1. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No. 2. Name of Operator Address P.O Box 1936 Reswell N.M 88202 Address P.O Box 1936 Reswell Report Leaction clearly and in accordance with any State requirements.*) At surface SHL: 1650' FSL & 50' FWL At proposed jord. zone 2250' FSL & 300' FEL 14. Docation of weards town or post office* 50' Bistance from propose</td><td>- 2</td><td></td><td>1</td><td></td><td></td><td></td><td>, no</td><td></td><td></td></td<>	LINITED STATES LEXPRENDENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 14. Type of work: DRILL REENTER 1. If Unit or CA Agreement, Name and No. 18. Type of work: DRILL IDRILL REENTER 1. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No. 2. Name of Operator Address P.O Box 1936 Reswell N.M 88202 Address P.O Box 1936 Reswell Report Leaction clearly and in accordance with any State requirements.*) At surface SHL: 1650' FSL & 50' FWL At proposed jord. zone 2250' FSL & 300' FEL 14. Docation of weards town or post office* 50' Bistance from propose	- 2		1				, no							
3247' 01/15/2015 45 Days 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: . Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). . A Drilling Plan. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). . A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the BLM. Date 03/31/2014 5. Signature Name (Printed/Typed) Keith Cannon Date 03/31/2014	(March 2012) JUN 2 2 2015 ONB NA, 100-0137 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMMM-03677 Ia. Type of work: DRILL REENTER Ia. Type of work: DRILL REENTER Ib. Type of Well: Other Single Zone Multiple Zone 2. Name of Operator Hervery E. Yoles 8. Lease Name and Well No. Stebbins 20 Federal 1H £5/500 3a. Address P.O Box 1936 Roswell N.M 8202 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory Avaion E. Bone Spring 10. Field and Pool, or Exploratory Avaion E. Bone Spring 70870 4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface SHL; 1650' FSL & 30' FPL 11. Sec, T. R. M. or Bik and Survey or Area UL-L, Sec 20, T20S, R29E At proposed prod. zone 2250' FSL & 30' FEL 12. County or Parish Eddy Co. 13. State NM 15. Distance in miles and direction from nearest town or post office* 16. No. of acres in lease 2150.97 17. Spacing Unit dedicated to this well 100 15. Distance from proposed* property or lease ine, fr. (Also loncarest drig, unit line, if any) 19. Proposed Depth 10. Proposed Depth 10. Proposed Depth 20. BLMØBA Bond No. on file	UNITED STATES Lease Social No. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. Ia. Type of work: DRILL Ia. Type of work: DRILL RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ib. Type of work: DRILL Ib. Type of Well: Oil Well Ia. Type of Well: Oil Well Ib. Type of Well: Gas Well Ib. Type of Well: Method Sas Social Soci	2	applied for, on this lease, ft.	TVD- 8018	3' 9500'			on ,							
apprend tot, off this rease, it. TVD- 8018' 9500' 1. Elevations (Show whether DF, KDB, RT, GL, etc.) 22 Approximate date work will start* 23. Estimated duration 3247' 01/15/2015 45 Days 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: . Well plat certified by a registered surveyor. A Drilling Plan. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Signature Name (Printed/Typed) BLM. Date 03/31/2014 03/31/2014	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMM-03677 Ia. Type of work: DRILL REENTER Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2 Name of Operator Harvey E. Yates 9. API Well No. 3a. Address P.O Box 1936 Roswell N.M 88202 3b. Phone No. (include area code) 9. API Well No. 3a. Address P.O Box 1936 Roswell N.M 88202 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory At surface SHL; 1650' FSL & 50' FWL At surface SHL; 1650' FSL & 50' FWL 11. Sec. T. R. M. or Bik and Survey or Area 14. Distance in miles and direction from nearest town or post office* 12. County or Parish Eddy Co. 13. State 14. Distance in miles and direction from nearest town or post office* 16. No, of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed* property or lease line, ft. 16. No, of acres in lease 17. Spacing Unit dedicated to this well	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 2 Name of Operator Harvey E. Yates Natador Prod. Co. £228937 3a. Address P.O Box 1936 Roswell N.M 88202 3b. Phone No. (include area code) 575-623-6601 4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface SHL; 1650' FSL & 30' FEL 14. Distance in miles and direction from nearest town or post office* 15. Distance from proposed* 15. Distance from proposed* 15. Distance from proposed* 15. Distance from proposed* 15. Distance from proposed* 16. No. of acres in lease 16. No. of acres in lease 17. Spacing Unit dedicated to this well 160	1	 Distance from proposed location* 2370' to nearest well, drilling, completed. 	_	-										
to nearest well, drilling, completed, ²⁵⁷⁰ applied for, on this lease, ft. MD-12575' Pilot Hole TVD- 8018' 9500' NMB000317 1. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 3247' 01/15/2015 45 Days 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: . Well plat certified by a registered surveyor. A Drilling Plan. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Signature 5. Signature Name (<i>Printed/Typed</i>) Keith Cannon Date 03/31/2014 Name (<i>Printed/Typed</i>) Keith Cannon	(March 2012) JUN 2 2 2015 (March 2012) UNITED STATES UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2< Name of Operator	UNITED STATES Exprest Outlier 31, 2014 Exprest Outlier 31, 2014 Exprest Outlier 31, 2014 Exprest Outlier 31, 2014 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 1a. Type of work: OI Well Gas Well Other Single Zone Multiple Zone 2 Name of Operator Harvey E. Yeates 9. API Well No. Stebbins 20 Federal 1H £3/5.00 2 Name of Operator Harvey E. Yeates 9. API Well No. 30. O 1/5 - 4/32.01 3a. Address P.O Box 1936 Bb. Phone No. (include area code) 575-623-6601 Avalon E. Bone Spring £ 70876 4. Location of Well (Report location clearly and in accordance with any State requirements*) 11. Sec., T. R. M. or Bik. and Survey or Area At surface SHL; 1650' FSL & 30' FEL UL-L, Sec 20, T208, R29E 11. State 14. Distance in miles and direction from nearest town or post office* 12. County or Parish 13. State 15. Miles East of Carlsbad, N.M 13. State NM		property or lease line, ft.	2150.97											
property or lease line, ft. (Also tonearest drig, unit line, if any) 19. Proposed Depth MD-12575' Pilot Hole TVD-8018' 9500' 20. BLM/BIA Bond No. on file NMB000317 8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2370' 19. Proposed Depth MD-12575' Pilot Hole TVD-8018' 9500' NMB000317 1. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 45 Days 247' 01/15/2015 45 Days 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the BLM. 5. Signature Name (PrintedTyped) Keith Cannon Date 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expres October 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: Image: Drill REENTER Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Base Name and Well No. Stephins 20 Federal 1H CJ 50 O Address P.O Box 1936 3b. Phone No. (include area code) 575-623-6601 </td <td>UNITED STATES Expire obsoler 31, 2014 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2 Name of Operator Harvey E. Yates 9. API Well No. 3a. Address P.O Box 1936 3b. Phone No. (include area code) 75-623-6601 575-623-6601 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 10. Field and Pool, or Exploratory At surface SHL; 1650' FSL & 50' FWL 11. Sec., T. R. M. or Blk. and Survey or Area 14. Distance in miles and direction from nearest town or post office* 12. County or Parish</td> <td>•</td> <td></td> <td>16. No. of a</td> <td>cres in lease</td> <td>17. Spacing</td> <td><u> </u></td> <td>; well</td> <td>NM</td> <td></td>	UNITED STATES Expire obsoler 31, 2014 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2 Name of Operator Harvey E. Yates 9. API Well No. 3a. Address P.O Box 1936 3b. Phone No. (include area code) 75-623-6601 575-623-6601 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 10. Field and Pool, or Exploratory At surface SHL; 1650' FSL & 50' FWL 11. Sec., T. R. M. or Blk. and Survey or Area 14. Distance in miles and direction from nearest town or post office* 12. County or Parish	•		16. No. of a	cres in lease	17. Spacing	<u> </u>	; well	NM						
property or lease line, ft. (Also tonearest drig, unit line, if any) 19. Proposed Depth MD-12575' Pilot Hole TVD-8018' 9500' 20. BLM/BIA Bond No. on file NMB000317 8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 2370' 19. Proposed Depth MD-12575' Pilot Hole TVD-8018' 9500' NMB000317 1. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 45 Days 247' 01/15/2015 45 Days 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the BLM. 5. Signature Name (PrintedTyped) Keith Cannon Date 03/31/2014	(March 2012) JUN 22 2015 (March 2012) UNITED STATES UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2< Name of Operator Hervey E. Yates	UNITED STATES DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: DRILL Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 9. API Well No. 30-015-43201 3a. Address P.O Box 1936 Roswell N.M 88202 Stepsone No. (include area code) 4. Location of Well (Report location clearly and in accordance with any State requirements.*) II. Sec., T. R. M. or Blk. and Survey or Area VL-L, Sec 20, T20S, R29E UL-L, Sec 20, T20S, R29E		-				•			ite					
15 Miles East of Carlsbad, N.M Eddy Co. NM 15. Distance from proposed* 50° location to nearest property or lease line, ft. (Also tonearest drig, unit line, if any) 16. No, of acres in lease 2150.97 17. Spacing Unit dedicated to this well 160 18. Distance from proposed location* 2370° to nearest well, drilling, completed, applied for, on this lease, ft. 19. Proposed Depth MD-12575' Pilot Hole TVD- 8018' 9500' 20. BLM/BIA Bond No. on file NMB000317 1. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2 Name of Operator Harvey E. Yates Matador Matador 3a. Address P.O Box 1936 Roswell N.M 88202 3b. Phone No. (include area code) S75-623-6601 9. API Well No. 30. O 15- 43201 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Blk. and Survey or Area	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT EEDITER APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2. Name of Operator Hervey E. Yates 9. API Well No. Stebbins 20 Federal 1H 2. Name of Operator Hervey E. Yates 9. API Well No. 3a. Address P.O Box 1936 Roswell N.M 88202 3b. Phone No. (include area code) 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 10. Steb. Spring £ 70 8 7 (Content of the and Survey or Area	-													
14. Distance in miles and direction from nearest town or post office* 12. County or Parish Eddy Co. 13. State NM 15. Distance from proposed* 50° location to nearest drig. unit line, if any) 16. No. of acres in lease 2150.97 17. Spacing Unit dedicated to this well 160 18. Distance from proposed location* applied for, on this lease, ft. 19. Proposed Depth ND-12575' Pilot Hole TVD- 8018' 9500' 10. BLM/BIA Bond No. on file NMB000317 1. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 OME NO. 1004-0137 Expires October 31, 2014 Image: Cave Fix and the construction of the internation of the internatinternation of the internatinternation of	UNITED STATES Expires October 31, 2014 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2 Name of Operator Harvey E. Yates 9. API Well No. 3a. Address P.O Box 1936 Roswell N.M 88202 3b. Phone No. (include area code) 9. API Well No. 3b. Phone No. (include area code) 575-623-6601 10. Field and Pool, or Exploratory						UL-L, Sec 20, T20	0S, R29E							
At proposed prod. zone 2250' FSL & 330' FEL 14. Distance in miles and direction from nearest town or post office* 12. County or Parish Eddy Co. 13. State Eddy Co. 15. Miles East of Carlsbad, N.M 160 17. Spacing Unit dedicated to this well 160 15. Distance from proposed* 50' location to nearest drig, unit line, if any) 19. Proposed Depth MD 12575' Pilot Hole TVD- 8018' 9500' 20. BLM/BIA Bond No. on file NMB000317 18. Distance from proposed location* 2370' to nearest well, drilling, completed, applied for, on this lease, fl. 12. Approximate date work will start* 23. Estimated duration . 13. 247' 24. Attachments 16 billing Plan. 4. Bond to cover the operations unless covered by an existing bond on file (see Iden 20 above). 16 billing Plan. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). 4. Bond to cover the operations and/or plans as may be required by the BLM. 5. Signature Name (PrintedTyped) Keith Cannon Date 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 OME NO. 1004-0137 Expires October 31, 2014 Image: Cave Fix and the construction of the internation of the internatinternation of the internatinternation of	UNITED STATES Expires October 31, 2014 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2 Name of Operator Harvey E. Yates 9. API Well No. 3a. Address P.O Box 1936 Roswell N.M 88202 3b. Phone No. (include area code) 9. API Well No. 3b. Phone No. (include area code) 575-623-6601 10. Field and Pool, or Exploratory		•	y State requirem	nents.*)				vey or .	Area					
At surface SHL; 1650' FSL & 50' FWL UL-L, Sec 20, T20S, R29E At proposed prod. zone 2250' FSL & 330' FEL 13. State 14. Distance in miles and direction from nearest town or post office* 12. County or Parish Eddy Co. 13. State 15. Distance from proposed* 50° 16. No. of acres in lease 17. Spacing Unit dedicated to this well 16. Distance from proposed least ine, ft. (Also toncarest drig. unit line, if any) 19. Proposed Depth 20. BLM/BIA Bond No. on file 18. Distance from proposed location* 23. Or property or period least, fl. 20. BLM/BIA Bond No. on file NMB000317 18. Distance from proposed location* 22. Approximate date work will start* 23. Estimated duration , 45 Days 45 Days 14. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration , 45 Days 24. Attachments 4. Attachments 14. Bond to cover the operations unless covered by an existing bond on file (see Ilem 20 above). 5. Operator certification 5. Operator certification 5. Signature Name (Printed/Typed) Date 03/31/2014 4. Name (Printed/Typed) Date 6. Name (Printed/Typed) 03/31/2014	(March 2012) JUN 2 2 2015 Image: CAVEKARST UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other 2 Name of Operator Hervey E. Yotes Matador Prod. Co. (228937) 3a. Address P.O Box 1936 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone 2 Name of Operator Harvey E. Yates Matador Prod. Co. (228937) 3a. Address P.O Box 1936 DNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED 5. Lease Serial No. NMNM-03677 6. If Indian, Allotee or Tribe Name 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No. 8. Lease Name and Well No. 9. API Well No. 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory														
4. Location of Well (Report location: clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Bilk, and Survey or Area 4. Location of Well (Report location: clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Bilk, and Survey or Area 4. Location of Well (Report location: clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Bilk, and Survey or Area 4. Location of Well (Report location: form proposed form proposed* 12. County or Parish 13. State 15. Distance from proposed* 50° 16. No. of acres in lease 17. Spacing Unit dedicated to this well 160. Jocation to nearest property or lease line, ft. 10. VID: 97.70° 18. 18. 16. No. of acres in lease 17. Spacing Unit dedicated to this well 180 17. Or a Vid: Distance from proposed location* 2370° 19. 19. 18. Distance from proposed location* 2370° 10. 10. 14. 19. Proposed Depth MD-12575° Pilot Hole NMB000317 14. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration , 3247' 01/15/2015 45 Days 24. 19. Distance from proposed surveyor. A Surface Use Plan (if the location is on National Fores	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 S. Lease Serial No. NMNM-03677 OMB No. 1004-0137 Expires October 31, 2014 S. Lease Serial No. NMNM-03677 Ia. Type of work: DRILL Ib. Type of Well: Oil Well Oil Well Gas Well Other Single Zone Mate of Operator Harvey E. Yates Mate of OR Mate of OR PRoD. Co. (2 Name of Operator PRoD. Co. (2 228937) Stebbins 20 Federal 1H (3 0- 0/15- 4/3201 Stebbins 20	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone Name of Operator Harvey E. Yates Matador PRoD. Co. (228937) UNITED STATES DEPARTMENT OF THE INTERIOR RECEIVED 5. Lease Serial No. NMNM-03677 6. If Indian, Allotee or Tribe Name 7. If Unit or CA Agreement, Name and No. 8. Lease Name and Well No. Stebbins 20 Federal 1H (3/500) 9. API Well No. 30-015-43201									070					
Roswell N.M 88202 575-623-6601 Avalon E. Bone Spring 470870 4. Location of Well (Report location: clearly and in accordance with any State requirements.*) 11. Sec., T. R. M. or Blk. and Survey or Area At surface SHL; 1650° FSL & 50° FWL 11. Sec., T. R. M. or Blk. and Survey or Area At proposed prod. zone 2250° FSL & 330° FEL 12. County or Parish Hastance in miles and direction from nearest town or post office* 12. County or Parish 15. Distance from proposed* 50° 16. No. of acres in lease 17. Spacing Unit dedicated to this well 1600 1600 17. Spacing Unit dedicated to this well 18. Distance from proposed location* 2370° 19. Proposed Depth 19. Proposed Depth MD-12575° Pilot Hole TVD- 8018* 9500° 11. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Attachments 24. Attachments he following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: Well plait certified by a registered surveyor. 4. Bond the appropriate Forest System Lands, the SUPO must be filed with the appropriate Forest System Confice). 5. Signature Name (Printed/Typed) Date	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 S. Lease Serial No. NMNM-03677 OMB No. 1004-0137 Expires October 31, 2014 S. Lease Serial No. NMNM-03677 I. Type of work: ORILL Ib. Type of Well: Onl Well Ib. Type of Well: Onl Well Ib. Type of Well: Onl Well Ia. Type of Well: Gas Well Other Single Zone Multiple Zone 9. API Well No.	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: DRILL REENTER Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone Stebbins 20 Federal 1H + 3/5 0 Name of Operator Harvey E. Yotes Series Of the Stebbins 20 Federal 1H + 3/5 0		3a Address DO Down 1000	3b. Phone No	(include area code)					<u> </u>					
3a. Address P. O. Box 193G Roswell N.M 88202 3b. Phone No. (include area code) 575-623-6601 10. Field and Pool, or Exploratory Avaion E. Bone Spring (70870) 4. Location of Well (Report lacation clearly and in accordance with any State requirements *) At surface SHL: 1650' FSL & 30' FEL 11. Sec., T. R. M. or Blk. and Survey or Area UL-L, Sec 20, T20S, R29E 4. Location of Well (Report lacation clearly and in accordance with any State requirements *) At surface SHL: 1650' FSL & 330' FEL 11. Sec., T. R. M. or Blk. and Survey or Area UL-L, Sec 20, T20S, R29E 4. Distance in miles and direction from nearest town or post office* 12. County or Parish Eddy Co. 13. State 15. Distance from proposed* biocation to nearest in tease in ease property or lease line; ft. (Also forefarest fig. unit line, if any) 19. Proposed Depth MD-12575' Pilot Hole TVD-8018' 9500' 20. BLMBIA Bond No. on file NMB000317 8. Distance from proposed location* applied for, on this lease, ft. 21. Approximate date work will start* 01/15/2015 23. Estimated duration 45 Days 24. Attachments 24. Attachments 4. Bond to cover the operations unless covered by an existing bond on file (see larm 20 above). 9. Operator certification 6. Such other site specific information and/or plans as may be required by the BLM. 5. Signature Name (Printed/Typed) Keith Cannon Date 03/31/2014	(March 2012) JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 S. Lease Serial No. NMNM-03677 APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: ✓ DRILL Ib. Type of Well: ✓ Oil Well Gas Well Other Single Zone Multiple Zone 8. Lease Name and Well No. Stebbins 20 Federal 1H	UNITED STATES DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR S. Lease Serial No. NMNM-03677 6. If Indian, Allotee or Tribe Name Ia. Type of work: Image: Contract of Well: Ib. Type of Well: Image: Contract of Well: Image: Contract of Well: Image: Contract of Well:			F22	289377			5-43	20	1					
3a. Address P. O. Box 193G Roswell N.M. 88202 3b. Phone No. (include area code) 575-523-6601 10. Field and Pool, or Exploratory Avaion E. Bone Spring (70870) 4. Location of Well (Report location clearly and in accordance with any State requirements ') At surface SHL: 1650' FSL & 30' FEL 11. Sec., T. R. M. or Bik. and Survey or Area UL-L, Sec 20, T20S, R29E 4. Location of Well (Report location from nearest town or post office* 12. County or Parish Eddy Co. 13. State 15. Distance in miles and direction from nearest town or post office* 16. No. of acres in lease 2150.97 17. Spacing Unit dedicated to this well 160 15. Distance from proposed* to cance to the set ine; ft. (Also forearest drig, unit line, if any) 19. Proposed Depth MD-12575' Pilot Hole TVD-8018' 9500' 20. BL/MBIA Bond No. on file NMB000317 8. Distance from proposed location* applied for, on this lease, ft. 21. Actachments 23. Estimated duration 45 Days 24. Attachments 24. Attachments 45 Days 24. Attachments Well plait certified by a registered surveyor. A Surface Learner with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form: 4. Band to cover the operations unless covered by an existing bond on file (see litem 20 above). 5. Signature BLM. 5. Signature 4. Band to cover the operation and/or plans as may be required by the BLM. 5. Signature Name (Printled/Typed) Keith Cannon Date 03/31/2014 Date 03/31/2014	(March 2012) JUN 2 2 2015 Image: March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. Ia. Type of work: DRILL Ia. Type of work: DRILL	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: DRILL REENTER			(- // -							
2 Name of Operator Harrey E. Vates 9. API Well No. 3a Address P. O. Box 1936 3b. Phone No. (include airea code) 30. 0 / 15. 4 32.01 3a. Address P. O. Box 1936 3b. Phone No. (include airea code) 10. Field and Pool, or Exploratory Assuriate S. PL: 1650' FSL & 50' FWL At surface SHL; 1650' FSL & 50' FWL 11. Sec., T. R. M. or Bik. and Survey or Area At proposed prod. zone 2250' FSL & 330' FEL 12. County or Parish 13. State For the state of Carlsback, N.M 15. One of a cares in lesse 17. Spacing Unit dedicated to this well 15. Distance from proposed* 50' 16. No. of a cares in lesse 17. Spacing Unit dedicated to this well 160 160 NM 20. BLMBIA Bond No. on file NM 18. Distance from proposed location* 2370' 19. Proposed Depth 10. 19. Proposed Depth 10. '12575' Pilot Hole NMB000317 10. '12575' 22. Approximate date work will start* 23. Estimated duration , 3247' 24. Attachments 45 Days 24. Attachments 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification 3. Well plait certified by a registered surveyor. <td>(March 2012) JUN 2 2 2015 Image: March 2012) UNITED STATES UNITED STATES DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED NMNM-03677 6 If Indian, Allotee or Tribe Name Ia. Type of work: DRILL</td> <td>UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: DRILL REENTER In Type of work: DRILL REENTER</td> <td></td> <td></td> <td>√ Si</td> <td>ingle Zone 🔲 Multip</td> <td>ple Zone</td> <td>Stebbins 20 Fede</td> <td></td> <td>73</td> <td>1500</td>	(March 2012) JUN 2 2 2015 Image: March 2012) UNITED STATES UNITED STATES DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED NMNM-03677 6 If Indian, Allotee or Tribe Name Ia. Type of work: DRILL	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER Ia. Type of work: DRILL REENTER In Type of work: DRILL REENTER			√ Si	ingle Zone 🔲 Multip	ple Zone	Stebbins 20 Fede		7 3	1500					
Ib. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone Stebbins 20 Federal 1H 43/5.007 2. Name of Operator Henroy-E-valee Mataclor PROD. Co. C228937 9. API Well No. 30-015-43201 3. Address p. 0 Box 1936 Roswell N.M 88202 3b. Phone No. (include area code) 10. Field and Pool, exploratory Avaion E. Bone Spring 70870 4. Location of Well (Report location clearly and in accordance with any State requirement.*) 11. Seci. T. R. M. or Blk. and Survey or Area At surface Store 2250' FSL & 50' FWL 11. Seci. T. R. M. or Blk. and Survey or Area At brance in miles and direction from nearest town or post office* 16. No. of acres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed* 60' 19. Proposed Depth NM 16. Statuse from proposed* 20. BL/MBIA Bond No. on file NM 17. Spacing Unit dedicated to this well 10/11/52/51 10/11/52/51 13. State 18. Distance from proposed* 20. BL/MBIA Bond No. on file NM 19. Proposed Depth NMB000317 14. State. 14. State. 10. Field and Pools 23. Estimated duration 45 Days 24. Attachments 45 Days 5 Days	(March 2012) H CAVEKARST APPLICATION FOR PERMIT TO DRILL OR REENTER (March 2012) JUN 2 2 2015 JUN 2 2 2015 OMB No. 1004-0137 Expires October 31, 2014 5. Lease Serial No. NMNM-03677 6. If Indian, Allotee or Tribe Name	H CAVEKARST UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 6. If Indian, Allotee or Tribe Name		Ia. Type of work: DRILL REENTE	ER											
13. Type of Work: DIALL DEPARTER 16. Type of Work: Dot Well: Gas Well Other Single Zone Multiple Zone 8. Lease Name and Well No. 2. Name of Operator Harvey E. Yeles Mathador. Prop. Co. C228937.) 9. API Well No. 3a. Address P.O. Box 1936 Bb. Phone No. (include airea code) 575-623-6601 Avaion E. Bone Spring 4 70870. 4. Location of Well (Report Leadin accordance with any State requirements?) II. Sec. T. R. M. of Blk. and Survey or Area At surface SHL; 1650' FSL & 50' FWL Attachance in miles and direction from nearest town or post office* 12. County or Parish 13. State 15 Miles East of Carlsbad, N.M 19. Proposed Depth 10. Spacing Unit dedicated to this well 100. 16 Distance from proposed location* 2370' 19. Proposed Depth NM NM 16. No of acres in lease 11. Sec. fl. 23. BLMBIA Bond No on file NMB0000317 17. Spacing Unit dedicated to this well 101. The optimized acres on the operations. 23. Estimated duration . 16. Inclustor from proposed location* 23. Approximate date work will start* 23. Estimated duration . 17. Spacing Unit dedicated to this form: 24. Attachments NHB0000317	(March 2012) JUN 2 2 2015 OMB No. 1004-0137							7 If Unit or CA A	preement. N	me and	 1 No.					
1a. Type of work: DRILL REENTER 1 If Unit or CA Agreement, Name and No. 1a. Type of Work: DRILL REENTER 1 If Unit or CA Agreement, Name and No. 1b. Type of Work: Onl Well Gas Well Other Single Zone Multiple Zone 2 Name of Operator Hervey E. Yestes 9. API Well No. Stocker 11 H (515007) 3a. Address P.O Box 1936 To Brone No. (methed arise acde) 10. Field and Pool, or Exploratory 9. API Well No. 3a. Address P.O Box 1936 To B 200 IS. Phone No. (methed arise acde) 10. Field and Pool, or Exploratory 3a. Address P.O Box 1936 To S 27 O Avaiance E. Bone Spring To S 27 O 4. Location of Well (Report Location clearly and in accordance with any State requirements ') 11. Sec. T. R. M. or Bik. and Survey or Ara At surface SHL: 1650' FSL & 50' FWL Nume (21000000000000000000000000000000000000	(March 2012) JUN 2 2 2015 OMB No. 1004-0137		H	APPLICATION FOR PERMIT TO	•			6. If Indian, Allot	ee or Tribe	Name						
1a. Type of work: DRILL REENTER 1 If Unit or CA Agreement, Name and No. 1b. Type of Work: On Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator Hervey E. Yestes 9. API Well No. Stease Name and Well No. 3. Address P.O Box 1936 75-623-6601 9. API Well No. 3. Address P.O Box 1936 70-870. 9. API Well No. 3. Address P.O Box 1936 75-623-6601 Avalon E. Bone Spring 70870. 4. Location of Well (Report location clearly and in accordance with any State requirements ') 11. Sec. T. R. M. or Bik. and Survey or Ara 4. Distance in miles and direction from mearest town or post office* 15. Or Spring 13. State 15. Distance from proposed ford 50° 16. No. of acress in lease 17. Spacing Unit dedicated to this well 16. Distance from proposed form proposed form proposed form context well, drilling, completed, not in stease, ft. 19. Proposed Depth NM 17. Spacing Unit dedication* 23. DetMella Bond No on file NM 18. Distance from proposed location* 23. Or Or Spring for Context well well well well well 23. Estimated duration 3247* 24. Attachments 18. Bond No on file <t< td=""><td>(March 2012) JUN 2 2 2015 OMB No. 1004-0137</td><td></td><td></td><td>CNEKARSI DEPARTMENT OF THE I BUREAU OF LAND MAN</td><td colspan="3"></td><td></td><td>D.</td><td></td><td></td></t<>	(March 2012) JUN 2 2 2015 OMB No. 1004-0137			CNEKARSI DEPARTMENT OF THE I BUREAU OF LAND MAN					D.							
1a. Type of work: DRILL REENTER 1 If Unit or CA Agreement, Name and No. 1b. Type of Work: On Well Gas Well Other Single Zone Multiple Zone 2. Name of Operator Hervey E. Yestes 9. API Well No. Stope Formation 20 Forderal 11H C 3/5 00 ⁻⁷ 3a. Address P.O Box 1936 Bb. Phone No. (methode area code) 10. Field and Pool, or Exploratory 9. API Well No. 3a. Address P.O Box 1936 Bb. Phone No. (methode area code) 10. Field and Pool, or Exploratory 9. API Well No. 3a. Address P.O Box 1936 Bb. Phone No. (methode area code) 10. Field and Pool, or Exploratory 9. API Well No. 3a. Address P.O Box 1936 Bb. Phone No. (methode area code) 10. Field and Pool, or Exploratory 9. API Well No. 4. Location of Well (Report Location clearly and in accordance with any State requirements ') 11. Sec. T. R. M. or Bik and Survey or Area UL-L, Sec 20, T20S, R29E 4. Distance from proposed ford. cone 2250 FSL & 330' FEL 12. County or Parish 13. State 15. Distance from proposed forg. no nerds 9. Proposed Depth NM 16. No af acress in lease 17. Spacing Unit dedicated to this well 17. Spacing Unit dedication '/ Astarface Shice' 150' Foil Holie NM 18.	(March 2012) IIIN 2 2 2015 OMB No. 1004-0137	(March 2012) [] [N 2 2 7115] OMB No. 1004-0137		UNITED STATES		• • • •		Expires	s October 31,	2014						
LINITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER 1a. Type of work: DRILL REENTER 6 If Indian, Allote or Tribe Name 1a. Type of work: DRILL REENTER 7 If Unit or CA Agreement, Name and No. 1b. Type of work: DRILL REENTER 8 Lease Name and Well No. 1b. Type of Welt: On Welt Gas Well Other Single Zone Multiple Zone 2 Name of Operator Henroy E. Yestes 9 API Well No. 3ddress P. O Box 1932 30- D 15- 432 01 10 Field and Pool, or Exponents 4. Location of Well flogor location clearly and in accordince with any Sate regimement.* 11 11. Sec. T. R. M. or Bit. and Sarvey or Area 4. Location of Xene 2250' FSL & 300' FEL 12. County or Parish 12. County or Parish 13. State 15 Distance from proposed* 50' FWL 14. Attachments 1400 16 Indicate for marines line. ft. 115. No. off areas in lease 17. Spacing Unit decided to this well 16 Distance from proposed* 50' FWL 14. MD-12575' F Iot Hole					UIN 2 2 2015			OM	B No. 1004-01	37						
(March 2012) JUN 2 2 2015 OMB To, 1000 (2017) (March 2012) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVED APPLICATION FOR PERMIT TO DRILL OR REENTER 5. Lease Serial No. NNNM-03677 6. If Indian, Allote or Tribe Name 1a. Type of work: DRILL REENTER 7. If Unit or CA Agreement, Name and No. 2. Name of Operator How HI Gas Well Other Single Zone Multiple Zone 2. Name of Operator How HI Gas Well Other Single Zone Multiple Zone 3. Address P O Box 1936 Machael or Pleso D. Co. £2289 37. 9. API Well No. 3. Address P O Box 1936 Single Zone Multiple Zone 10. Field and Pool, or Exploratory 4. Location of Well (Pepor Location clearly and in accuratore with any Sate requirements ') 11. Sec. T.R. M. or Bik. and Survey or Area 4. Detation of Well (Pepor Location from nearest town or post office* 15. No. of aeres in lease 17. Spacing Unit dedicated to this well 15. Distance from proposed ford zone 2250 FSL & 307 FEL 10. Field and Pool, or file 13. State 16. Muste ford from nearest town or post office* 16. No. of aeres in lease 17. Spacing Unit dedicated to this well 16. Distance from p	OCD AFTERIA DISTRICT			Emm 2160-2	ocd ar											

Approval Subject to General Regulrements & Special Stipulations Attached

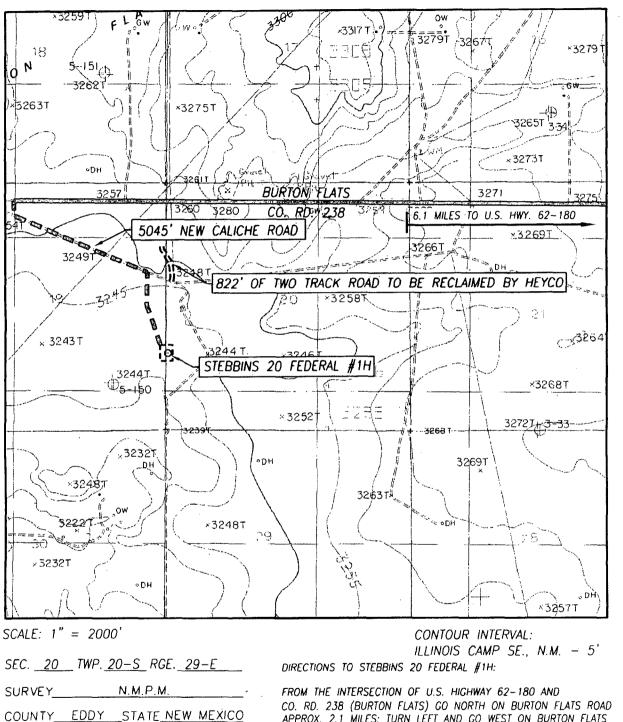
SEE ATTACHED FOR CONDITIONS OF APPROVAL





C Anjelico/2014/Hovey E. Yates/14110289 Stebbins 20 Federal #1H





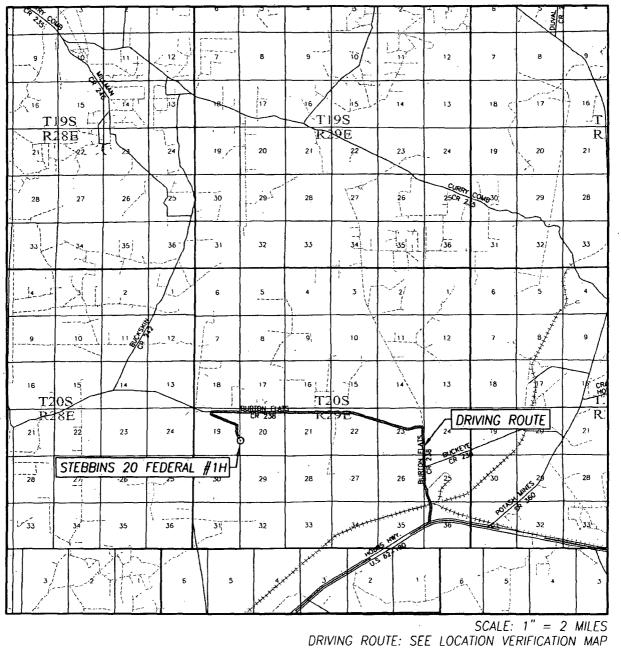
CO. RD. 238 (BURTON FLATS) GO NORTH ON BURTON FLATS ROAD APPROX. 2.1 MILES; TURN LEFT AND GO WEST ON BURTON FLATS ROAD APPROX. 4.1 MILES TO A PROPOSED ROAD SURVEY LATH; FOLLOW ROAD SURVEY IN A SOUTHERLY DIRECTION APPROX. 5045 FEET TO THE NORTHWEST CORNER OF THIS STAKED WELL PAD. NORT



DESCRIPTION <u>1650' FSL & 50' FWL</u> ELEVATION <u>3245'</u> OPERATOR <u>HARVEY E. YATES</u> LEASE <u>STEBBINS 20 FEDERAL</u> U.S.G.S. TOPOGRAPHIC MAP ILLINOIS CAMP SE., N.M.

... 1

VICINITY MAP



 SEC.
 20
 TWP.
 20-S
 RGE.
 29-E

 SURVEY
 N.M.P.M.

 COUNTY
 EDDY
 STATE
 NEW
 MEXICO

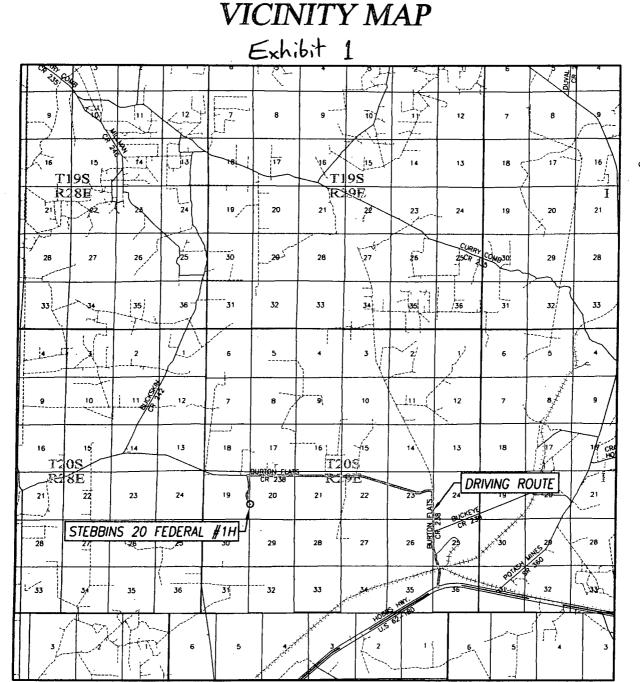
 DESCRIPTION
 1650'
 FSL
 & 50'
 FWL

 ELEVATION
 3245'

 OPERATOR
 HARVEY
 E.
 YATES

 LEASE
 STEBBINS
 20
 FEDERAL

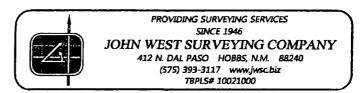
PROVIDING SURVEYING SERVICES SINCE 1946 JOHN WEST SURVEYING COMPANY 412 N. DAL PASO HOBBS, N.M. 88240 (575) 393-3117 www.jwsc.biz TBPLS# 10021000 NORTH



SCALE: 1" = 2 MILES DRIVING ROUTE: SEE LOCATION VERIFICATION MAP NORTH

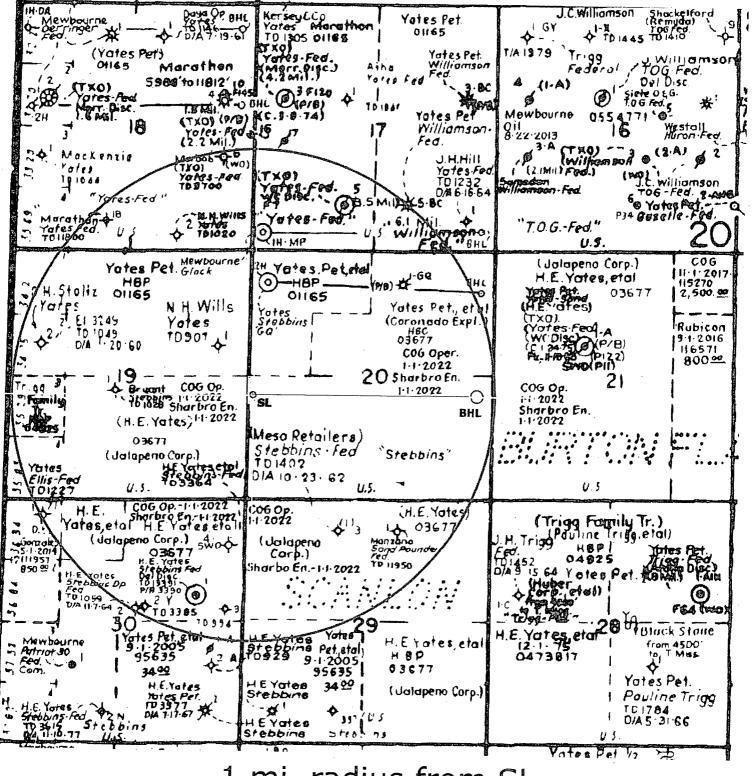
· h-de- dennementer

SEC. <u>20</u>	
SURVEY	N.M.P.M.
COUNTY	EDDY STATE NEW MEXICO
DESCRIPTIC	DN <u>1650' FSL & 50' FWL</u>
ELEVATION	3245'
OPERATOR	HARVEY E. YATES
LEASE	STEBBINS 20 FEDERAL



Stebbins 20 Federal #1H

.



1 mi. radius from SL

3

HARVEY E. YATES

DRILLING AND OPERATIONS PLAN

STEBBINS 20 FEDERAL 1H

Surface: 1650' FSL & 50' FWL UL L, Sec 20, T-20-S, R-29-E BHL: 2250' FSL & 330' FEL UL I, Sec 20, T-20-S, R-29-E Eddy County, New Mexico.

ELEVATION: GL 3247'

GEOLOGICAL NAME OF SURFACE FORMATION: PERMIAN

, Type of Well: Oil Horizontal

PROPOSED DRILLING DEPTH: 12,575' MD, 8015' TVD, Kick off point at 7380', drill a lateral of 4295' see directional plan: Exhibit #2, Vertical TD of possible pilot hole 9500 MD'.

TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Duchter	Curford	
Rustler	Surface'	
Saldo/Salt	440 '	
Base of Salt	1000'	
Yates	1190'	
Seven Rivers	1440'	
Capitan Reef	1510' Water	
Cherry Canyon	3750' Oil	
Brushy Canyon	4250' Oil	
Bone Spring Lime	5850' Oil	
Avalon Shale	6140' Oil	
Bone Spring 1st sd	6900' Oil	
Bone Spring 2 nd carb	7140' Oil	
	MD	TVD
KOP	7380'	
Bone Spring 2 nd SD	7565	7560'
BSPG- Pay interval	8130'	7930'
BSPG2 Target line	8280'	7950'
HZ BHL – PTD	12575'	8015'
Wolfcamp	9340'	
Pilot Hole TD	9500'	
BSPG2 Target line HZ BHL – PTD Wolfcamp	8280' 12575' 9340'	7950'

Estimated Depth of Anticipated Water, Oil or Gas:

Fresh Water400' & 1510'Oil & Gas:See above –all Potential Zone

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water will be protected by setting 20" casing at 400' and circulating cement back to surface, all other intervals will be isolated by the13 3/8"1ST intermediate, 9 5/8" 2nd intermediate and 5 1/2" production casing.

ł

CASING	PROGRAM:									•	
Proposed Casing Program; <u>ALL CASING WILL BE NEW API APPROVED</u> 1. Sector											
1.		58			-				\mathcal{O}	gene	
HOLE SIZ	ZE CASIN	G SIZE	WT./GRADE		THREAD/CO	ULLAR ·	Setti	NG DEPTH	(MD)	TOP CEMENT	
26" 17.5" 12.25" 8.75"	9 5/8	(new) /8" (new))" (new) (new)	94# H-40 48# H-40 40# J-55 17# P-110	нс	BTC 8rd ST(8rd ST(8rd LT(2		400' 14 00' 7' 3:100' / 12,575'	200-	Surface Surface Surface 1450'	_
MINIMUN	N SAFETY FAC	CTORS:	E	Burs	T 1.125	COLLA	PSE 1.12	25	TENSIO	n 1.6	
CEMENT	PROGRAM-A	LL CEMENT	BLENDS WILL E	Be tes	STED TO BL	.M MINIMU	JM REQU	JIREMENTS	6.		
Α.	20"	SURF	ACE	•	<u>Lead:</u> ppg, 1. <u>Tail:</u> 1	74 YIELD,	ks clas wtr 9.4 Class	65 "C" +49	% PF020 s)	ver calculated +2% PF001 (13. 4.8 ppg, 1.34 yield	
Β.	13 3/8"	INTE	RMEDIATE		<u>Lead:</u> 1 PF001 <u>Tail</u> : 20	(12.9 PPC	SCLASS 3, 1.92 Y CLASS	"C" +5% Pf ⁄IELD, WTR	F 044BW O 89.95 gal	er calculated W+6%PF020+1%0 (sks) 4.8 ppg, 1.33 yieli	
C.	9 5/8"	INTE			CEMEN	T TO SURI	ACE'	50%	6 EXCESS	OVER CALCULATED	
						3 +.2% PF 5) < class c	-013 +2%PF	(11.9 PP) 020+.7%F	G, 2.48 ` PF606A+.	W+.10%PF020+.2 Yield, wtr 13.87 2%PF65	
								AS RECOM		BY CEMENT COMPAN	Y
Α.	5 1/2"	Proi		• •	CEMENT ⁻ OVER FLU		•			25% EXCESS ED	
		Se	e Of	K	<u>LEAD:</u> 1(₽/H+5%	•	s50/50, WOW)(SALT)+1)%PF20(E	VER CALCULATED BENTONITE)+0.1% R)+0.125#/SK	

Page 2 of 4

PF29(CELLOFLAKE)+0.4#/SK,PF46)DEFOAMER)+3#/SK,PF 42(KOLSEAL) 11.9 PPG, 2.48 YIELD, H2O 13.878

PILOT HOLE PLUGS

BOTTOM HOLE PLUE TOC @ 9175

KICK OFF PLUG BTM OF CMT PLUG @ 7742' TOC @ 7180' TAIL:250,SACKSCLASS"H"+0.1% PF65(DISPERSANT)+0.3%PF13(RETARDER), 15.6 PPG, 1.18 YIELD, H2O 5.228

EXCESS AND ADDITIVES AS RECOMMENDED BY CEMENT COMPANY DETERMINED BY WELLBORE CONDITIONS

150 SACKS CLASS H, 2%PF01, 16.5 PPG. 1.05 YIELD ADDITIVES AS RECOMMENDED BY CEMENT COMPANY

225 SACKS CLASS H, 2%PF-01, 16.5 PPG. 1.05 YIELD

ADDITIVES AS RECOMMENDED BY CEMENT COMPANY

SPECIFICATIONS FOR PRESSURE CONTROL EQUIPMENT: (EXHIBIT #5)

<u>A 2000#-WP rotating head will be installed before drilling</u> out the 20" casing shoe. A 2000# annular will be installed after running 13-3/8" casing. A 3000# WP Double Ram BOP and 3,000 annular will be installed after running the 9-5/8" casing. Pressure test will be conducted prior to drilling out under all casing strings. BOP controls will be installed prior to drilling under surface casing and will remain in use until completion of drilling operations. BOP's will be inspected and operated as recommended in Onshore Order #2. A Kelly cock and a sub equipped with a full opening valve sized to fit the drill pipe and collars will be available on the rig floor in the open position when the Kelly is not in use. BOPE will be tested to 250psi low & 3000psi high and the annular to 250psi low & 1500psi high with a third party testing company before drilling below 9 5/8" casing shoe. If operations last more than 30 days from 1st test, will test again as per BLM Onshore Oil and Gas order #2,

MUD PROGRAM:

Spud and drill 26" surface hole with fresh water (8.4 to 8.7 ppg) to a depth of approx 400'. Control lost circulation with paper and LCM pills. Viscosity 32-34, no fluid loss control. Fresh water gel sweeps.

Drill 17.5" hole from 400' to 1400' with **Brine (9.5 to 10.0 ppg)**. Control lost circulation with paper and LCM pills. Viscosity 28-30, no fluid loss control. Salt water gel sweeps.

Drill 12.25" production hole from 1400' to 3100' with **fresh water (8.4 to 8.7 ppg)**). Control lost circulation with fresh water gel sweep paper and LCM pills. Viscosity 32-34

Drill 8.75" production hole from 3100'-TD' with **cut brine (8.7-9.0 ppg)**, control filtrate and increase viscosity with Xanthan gum and Poly Anionic Cellulose. Clean hole with high viscosity sweeps and lubricants as necessary. System Properties viscosity 32-34, fluid loss <20 ml/30min.

All necessary mud products for weight addition and fluid loss control will be on location at all times. Mud program subject to change due to hole conditions. A PVT will be used to monitor the mud system

Mud monitoring system:

Mud will be maintained and checked daily for mud weight, viscosity, API water loss, pH, etc. Additional electronic monitoring will include a pit volume totalizer to monitor mud volume in active system, pump rate, and mud return flow

Page 3 of 4

percentage. H2S monitors will be located on rig floor, shale shakers, and mud tanks. Gas chromatograph with monitor hydrocarbon gas content of mud from 1400' to TD.

Auxiliary Equipment

- A. A Kelly cock will be in the drill string at all times. BOP and fittings must be in good condition with minimum of 2000 psi working pressure on 13-3/8" casing and 3000 psi working pressure on 9-5/8" and 7" casing. Accumulator will be at least 40 gallon capacity with 2 independent sources of pressure on closing unit and meet all other API specifications.
- B. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times with 3000 psi working pressure.
- C. Hydrogen Sulfide detection equipment will be in operation after drilling out the 13 3/8" casing shoe until the production casing liner is run and set and rigging down operations have begun.

TESTING, LOGGING & CORING PROGRAM:

* See

- a. Testing: No DST. Possible sidewall core in pilot hole
- b. Open hole logs are planned for the pilot hole from 9500' to 9 5/8" casing shoe. Halliburton Triple Combo,
- c. Mud logging will take place from 3100ft to TD 10ft samples
- d. Gyro survey will be run at KOP of 7380'
- e. MWD (directional) and LWD (gamma) surveys will be taken from KOP (7380') to TD

POTENTIAL HAZARDS:

No significant hazards are expected to MD of 12,575ft, no abnormal pressures or temperatures are expected, **Expected pressure gradient will be .35 psi/ft, estimated BHP is 2805 psi at TVD of 8015ft, Estimated BHT is 135 degrees F, estimated from static pressure test conducted on nearby wells.** Lost circulation may occur, no H₂S is expected, but the operator will utilize a 3rd party H₂S monitoring package from 1400' to TD. If H2S is encountered the operator will comply with the provisions of onshore oil and gas order no 6. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well.

ANTICIPATED STARTING DATE & DURATION:

Harvey E. Yates (Heyco) anticipates drilling operations to begin after receiving approved APD. Expected time to complete is approximately 45 days. An additional 15 days will be needed for completion activities. Road and location construction will begin after the BLM has approved the APD.

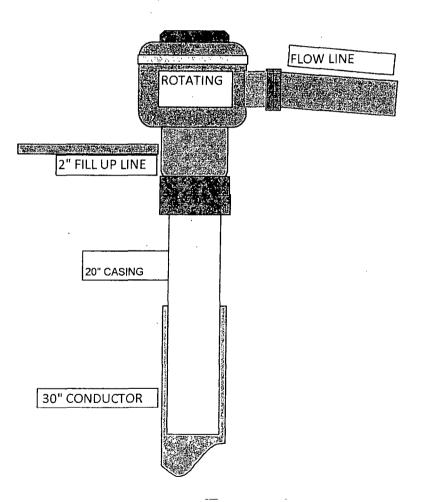
Keith Cannon, Drilling Superintendent Harvey E. Yates 3/31/2014 Date

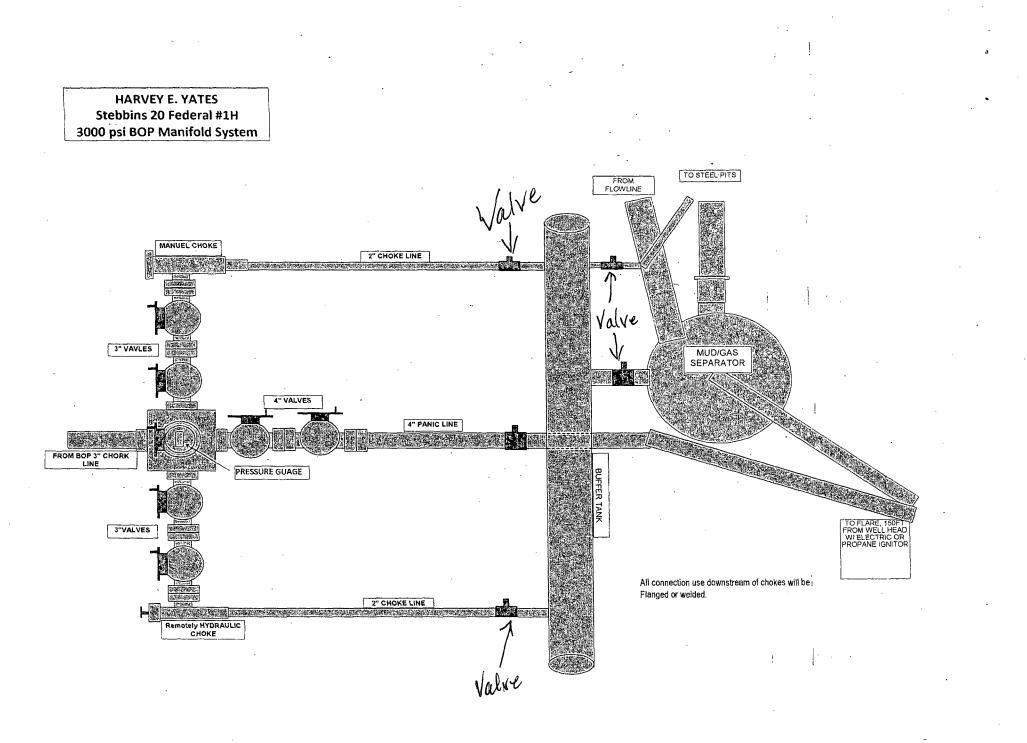
			HORIZO	NTAL WORK	KSHEET				12/18/13		W X-SECTIONAL VIEW
										MD VERT TVD ROB +E/-W +N/-S	s
		. –					- · · ·			3250 1 -3250 0.0 0.696296 -0.69	
WELL NAME: SURFACE LOCATION:			#1H				ry: Eddy re: NM			3500 2 -3500 0.0 1.782403 -1.202 3750 3 -3750 0.0 3.150418 -1.569	276
BEC TOWNSHIP RANGE		205	30E			FORMATION	N: Bone Sprin			4000 5 -4000 0.0 4.778358 -1.711	174
TARGET DEPTH:	8015	FT TVD @TD	n			MAXIMUM ROE FORMATION DIF		0 DEG/100 FT 1 DEGREES		4250 7 -4250 0.0 6.623353 -1.550 4500 9 -4500 0.0 8.622747 -1.014	459 8
TARGET ANGLE:	90 נ	DEGREES				DIRECTION	IN: 150	0 AZIMUTH		4750 11 -4750 0.0 10.6982 -0.047	772 4000 -
PLANNED HZ LENGTH: PLANNED KOP:						DECLINATION STARTING PI		DEGREES 1 DEGREES		5000 13 -5000 0.0 12.74874 1.3894 5250 15 -5250 0.0 14.87459 3.3153	
C 100752	,			1				O FEET		5500 16 -5500 0.0 18:38173 5.7248	817 -6000
•				BEGINNING BL						5750 18 -5750 0.0 17.69691 8.5881 6000 19 -6000 0.0 18.57099 11.850	
	_			WL CHINA CO						6250 20 -6250 0.0 19.50146 15.322	278 -8000
COMPANY:	0					SURVEY TYPE:	0) ·		6500 21 -6500 0.0 21.40066 18.61	-9000 -
			DEPTH	FROM TO						6750 24 -6750 0.0 24:47667 21.193 7000 28 -7000 0.0 28.45389 22.640	
										7250 33 -7250 0.0 32.90339 23.030	025 MAP VIEW
		• MD (Ft)	INCL (dog)	AZIMUTH (dog)	TVD (Ft)	COORDINATES (N+/S-) (E+/W-)	VERT.SEC			7380 35 -7380 0.0 35.34233 23.025 7480 45 -7479 8.9 45.00396 22.983	
TIE IN POINT		3000.00	0.20	150.00	3000.00	-0.01 0.01	0.01			7580 71 -7576 10.0 70.85277 22.871	104 3000 -
				ļ						7680 113 -7668 10.0 113.0608 22.780 7780 170 -7748 10.0 170.3455 22.610	057
MEASURED	INCL	HOLE	COURSE		TOTAL	COORDINATES	CLOSURE		BUILD	7880 241 -7819 10.0 240.9658 22.302	243 2000 +
DEPTH (ft)	ANGLE (degrees)	AZIMUTH (degroos)	LENGTH (ft)	T.V.D. (ft)	VERT.SEC (ft)	(N+/S-) (E+/W-) (ft) (ft)) DISTANCE (ft)	SEVERITY (dog/100)	RATE (deg/100)	7980 323 -7876 10.0 322.7763 21.945 8080 413 -7918 10.0 413.2917 21.708	
	• - •									8180 510 -7944 10.0 509.7614 21.455	594
3250.0 3500.0	0.25 0.30	120.0 110.0	250.0 250.0	3250.0 3500.0	0.7 1.8	-0.7 0.7 -1.2 .1.8	1.0 2.2	0.1 0.0	0.0 0.0	8280 609 -7953 10.0 609.2535 21.021 8500 829 -7954 -0.4 829.2422 20.061	193 ← 0 - @ <u>₩₩₩₩₩₩</u> -@+ - @+ - @+ - @+ - @+ - @+ - @+ - @+
3750.0	0.35	100.0	250.0	3750.0	3.2	-1.6 3.2	3.5	0.0	0.0	9000 1329 -7962 0.0 1329.178 18.75	531
4000.0 4250.0	0.40 0.45	90.0 80.0	250.0 250.0	4000.0 4250.0	4.8 6.6	-1.7 4.8 -1.6 6.6	5.1 6.8	0.0 0.0	0.0 0.0	10000 2329 -7978 0.0 2329.049 15.262	287
4500.0	0.50	70.0	250.0	4500.0	8.6	-1.0 8.6	8.7	0.0	0.0	10500 2829 -7986 0.0 2828.982 13.081	-2000 +
4750.0	0.55	60.0	250.0	4750.0	10.7	0.0 10.7	10.7	0.0	0.0	11000 3329 -7994 0.0 3328.918 11.772 11500 3829 -8001 0.0 3828.855 10.483	266
5000.0 5250.0	0.60 0.65	50.0 40.0	250.0 250.0	4999.9 5249.9	12.7 14.7	1.4 12.7 3.3 14.7	12.8 15.0	0.0	0.0 0.0	12000 4329 -8009 0.0 4328,789 8,2824	436 -3000 -
5500.0	0.70	30.0	250.0 250.0	5499.9 5749.9	16.4 17.7	5.7 16.4	17.3	0.1	0.0	12575 4904 -8018 0.0 4903.712 5.7738 0 0 0 0	1847 [
5750.0 6000.0	0.75 0.80	20.0 10.0	250.0	5999.9	18.6	8.6 17.7 11.9 18.6	19.7 22.0	0.1 0.1	0.0 0.0	0 0 0	0 W DETAILED X-SECTIONAL VIEW
6250.0 6500.0	0.85 0.9	20.0 40.0	250.0 250.0	6249.8 6499.8	19.5 21.4	15.3 19.5 18.6 21.4	24.8 28.4	0.1 0.1	0.0 0.0		0 0 x7300-1
6750.0	1.0	60.0	250.0	6749.8	24.5	21.2 24.5	32.4	0.1	0.0	o o o	0 -500 d 500 1000 1500 2000 2500 3000 3500 4000 4500 -7400 1
7000.0 7250.0	1.0 1.1	80.0 90.0	250.0 250.0	6999.7 7249.7	28.5 32.9	22.6 28.5 23.0 32.9	38.4 40:2	0.1 0.1	0.0 0.0		0 0 -7500 B
CO	•••			1	v	L			DATE	0 0 0	0 -7600
ins 20 Federat #1H				1					12/18/13	0 0 0 0 0 0	0 0 -7700 - 1
MEASURED	INCL	HOLE	COURSE		TOTAL	COORDINATES	CLOSURE		BUILD		0 -7600
DEPTH (ft)	ANGLE (dogroos)	AZIMUTH (dogrees)	LENGTH (ft)	T.V.D. (ft)	VERT.SEC (ft)	(N+/S-) (E+/W-) (ft) (ft)) DISTANCE (ft)	SEVERITY (dog/100)	(deg/100)		0 -7900 Barrow
			-	·					•	0 0 0	0 .8000 - <u></u>
7380.0	1.1	90.2	130.0	7379.7	35.3	23.0 35.3		0.0	0.0	0 0 0	0 -8100 -
7480.0 7580.0	10.0 20.0	90.3 90.2	100.0 100.0	7479.1 7575.6	45.0 70.9	23.0 45.0 22.9 70.9		8.9 10.0	8.9 10.0		-8200 +
7680.0	30.0	90.1 90.2	100.0 100.0	7666.1 7747.9	113.1 170.3	22.8 113.1 22.6 170.3	115.3	10.0 10.0	10.0 10.0		0 -8300 [⊥]
7780.0 7880.0	40.0 50.0	90.3	100.0	7818.5	241.0	22.3 241.0	242.0	10.0	10.0 10.0	0 0 0	0
7980.0	60.0	90.2	100.0	7875.8	322.8	21.9 322.8	323:5	10.0 10.0	10.0		0
8080.0 8180.0	70.0 80.0	90.1 90.2	100.0 100.0	7918.0 7943.9	413,3 509.8	21.5 509.8	510.2	10.0	10.0 10.0	0 0 0	0
8280.0 8500.0	90.0 89.1	90.3 90.2	100.0 220.0	7952.8 7954.3	609.3 829.2	21.0 609.3 20.1 829.2		10.0 0.4	10.0 -0.4		0
9000.0	89.1	90.1	500.0	7962.2	1329.2	18.8 1329.2	2 1329.3	0.0	0.0	0 0 0	0
9500.0 10000.0	89.1 89.1	90.2 90.3	500.0 500.0	7970.0 7977.8	1829.1 2329.0	17.4 1829.1 15.3 2329.0		0.0 0.0	0.0 0.0		0 0
10500.0	89.1	90.2	500.0	7985.7	2829.0	13.1 2829.0	2829.0	0.0	0.0	o o o	
11000.0 11500.0	89.1 89.1	90.1 90.2	500.0 500.0	7993.6 8001.4	3328.9 3828.9	11.8 3328.9 10.5 3828.9		0,0 0.0	0.0 0.0		
12000.0	89.1	90.3	500.0	8009.3	4328.8	8.3 4328.8		0.0	0.0	0 0 0	Ö
12575.0	89.1	90.2	575.0	8018.3	4903.7	5.8 4903.7	7 4903.7	0.0	0.0	0 0 0	0

HARVEY E. YATES

2M BOP SYSTEM 20" CASING DIVERTER

STEBBINS 20 FEDERAL 1H SEC 20, T20S, R29E 2250' FSL & 50' FWL EDDY COUNTY, NEW MEXICO

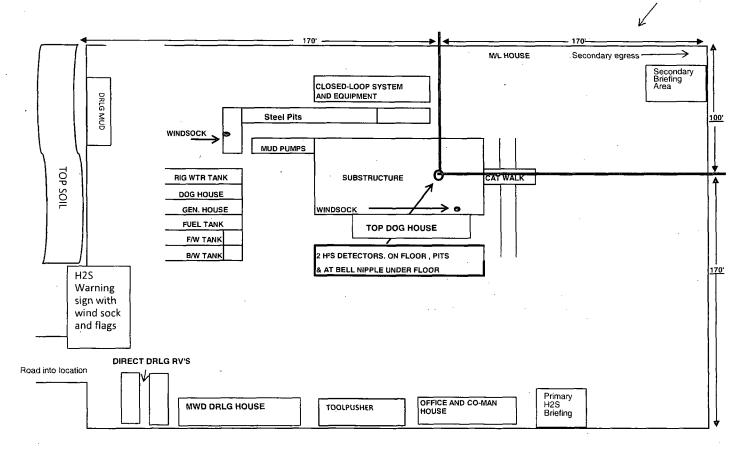




. |

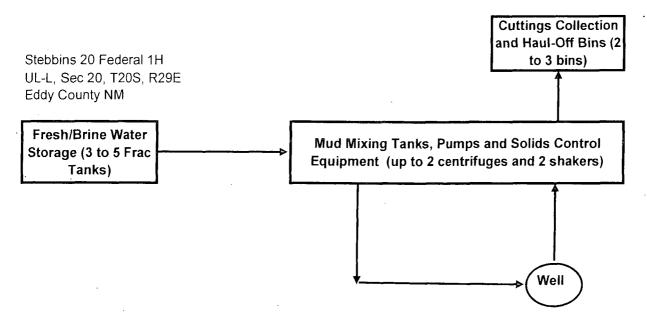
EXHIBIT "D" LOCATION DIAGRAM Harvey E. Yates Stebbins 20 Federal 1H 2250' FSL & 50' FWL UNIT L, SEC 20, T20S, R29E North The land is ralatively South flat with scattered Eddy County, NM sand dunes and sandy soil

Prevailing wind out of SW



CLOSED-LOOP SYSTEM

Design Plan:



Operating and Maintenance Plan:

During drilling operations, third party service companies will utilize solids control equipment to remove cuttings from the drilling fluid and collect it in haul-off bins. Equipment will be closely monitored at all times while drilling by the derrick man and the service company employees.

Closure Plan:

During drilling operations, third party service companies will haul-off drill solids and fluids to an approved disposal facility as noted on the C-144 form. At the end of the well, all closed loop equipment will be removed from the location.

NADEL AND GUSSMAN HEYCO, L.L.C. P.O. Box 1936 Roswell, NM 88202 (575) 623-6601 (Office)

2/10/2014

Mr. Ingram Carlsbad BLM Field Office 620 E. Greene St. Carlsbad, NM 88220

Re: Stebbins 20 Federal # 1H UL-L, Sec. 20, T20S, R29E Eddy, NM Rule 118 H2S Exposure

Dear Mr. Ingram,

Harvey E. Yates (Heyco). Have evaluated this well with other well in the area and we do not expect to encounter hydrogen sulfide. However, we will employ a third party monitoring system. We will begin monitoring prior to drilling out the 13 3/8" casing shoe and will continue monitoring the remainder of the well.

ted i bern li

491540

Ŧ

Please contact me if you have any additional questions.

Sincerely,

Keith Cannon Drilling Superintendent

Hydrogen Sulfide Drilling Operations Plan Stebbins 20 Federal # 1H Sec 20, T20S, R29E Eddy County N.M.

- 1. Company and contract personnel admitted on location should be trained by a qualified H₂S safety instructor to the recognize and handle following:
 - A. Characteristics of H₂S gas
 - B. Physical effects and hazards
 - C. Proper use of safety equipment and life support systems
 - D. Principle and operation of H₂S detectors, warning system and briefing knowledge
 - E. Evacuation procedure, routes and first aid support
 - F. Proper use of 30 minutes Pressure-on-Demand Air Pack
- 2. Supervisory personnel will be trained in the following areas:
 - A. Effects of H2S on metal components.
 - B. Corrective action and shut in procedures, blowout prevention, and well control procedure.
 - C. Contents of Hydrogen Sulfide Drilling Operations Plan.
- 3. H₂S Detection and Alarm Systems will be in place before commencing any operations.
 - A. H₂S detectors and audio alarm system to be located at wellhead, shale shaker and mud pits. Will be installed and maintained by third party safety company.
 - B. Thirty minute self-contained work unit located in at briefing areas.
- 3. Windsock and/or Wind Streamers
 - A. Windsock at mud pit area (high enough to be visible)
 - B. Windsock on dog house (high enough to be visible)
- 4. Condition Flags and Signs
 - A. H₂S warning signs on lease access road into location
 - B. Flags displayed on sign at location entrance
 - 1. Green flag indicates "Normal Safe Conditions"
 - 2. Yellow Flag indicates "Potential Pressure and Danger"
 - 3. Red Flag indicates "Danger H₂S Present in High Concentrations" admit only emergency personnel
- 5. Well Control Equipment
 - A. Annular preventers*
 - Double ram with blind rams and pipe rams*
 - Drilling spool, or blowout preventer with 2 side outlets (choke side shall be a 3-inch minimum diameter, kill side shall be at least 2-inch diameter)*
 - Kill line (2 inch minimum)
 - A minimum of 2 choke line valves (3 inch minimum)*
 - 3 inch diameter choke line
 - 2 kill line valves, one of which shall be a check valve (2 inch minimum)*
 - 2 chokes (refer to diagram in Attachment 1)
 - Pressure gauge on choke manifold
 - Upper Kelly cock valve with handle available
 - Safety valve and subs to fit all drill string connections in use
 - All BOPE connections subjected to well pressure shall be flanged, welded, or clamped*
 - Fill-up line above the uppermost preventer.
 - B. Also see BOP and Choke exhibit.

6. Communication

- A. While working under masks chalkboards will be used for communication
- B. Hand signals will be used where chalk board is inappropriate
- C. Two -way radios or cell phones used to communicate off location or minimally in Drilling Foreman's trailer or living quarters
- D.

7. Drill Stem Testing (not planned)

- A. Exhausts watered
- B. Flare line equipped with electric Igniter/propane pilot light in case gas reaches surface
- C. If location near dwelling closed DST will be performed
- If H₂S encountered, mud system shall be addressed to maintain control of formation. A mud gas separator will be brought into service along with H₂S scavengers, if necessary. pH will be maintained at 10, to minimize H2S in the system. Hydrogen sulfide scavengers will also be used to minimize hazards while drilling the well.

e faithfaith de sameire d

PUBLIC PROTECTION PLAN FOR EMERGENCY CONTACTS

Harvey E. Yates

(575) 623-6601

Company Personnel

Jim Ward	Drilling Engineer	432-684-0009.0
		432-425-3760.c
Keith Cannon	Drilling Supt.	575-623-6601 .o
		575-626-1936 .c

ARTESIA N.M. Ambulance State Police City Police Sheriff's Office Fire Department N.M.O.C.D

911 575-746-5000 575-746-5000 575-746-9888 575-746-5050 or 575-746-5051 575-748-1283

575-885-3125 or 575-885-2111

911

575-885-3137

575-885-2111

575-887-7551

575-887-6544

911

575-392-5588

575-397-9265

575-396-3611

575-397-9308

575-393-6161

575-393-3612

806-743-9911

806-747-8923

505-842-4433

505-842-4949

CARLSBAD N.M.

Ambulance State Police City Police Sheriff's Office Fire Department Carlsbad BLM

HOBBS N.M. Ambulance State Police City Police Sheriff's Office Fire Department N.M.O.C.D Hobbs BLM

Flight for Life (Lubbock Tx) Aerocare (Lubbock Tx) Med flight air Ambulance (Albuq NM) SB air Med Services (Albuq NM)

 Boots & Coots IWC
 800-256-9688 or 281-931-8884

 Cudd Pressure Control
 915-699-0139 or 915-563-3356

 BJ Services
 (Artesia NM)

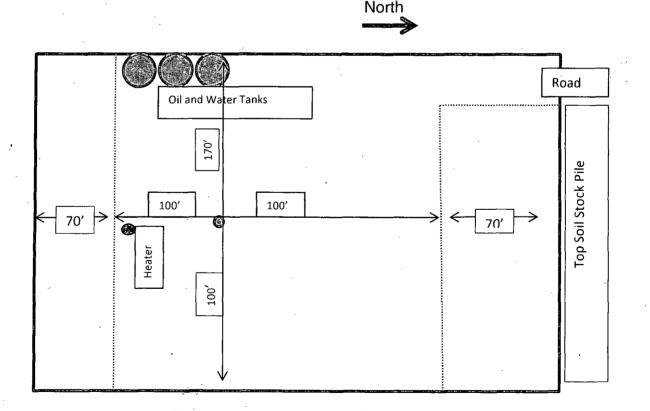
 (Hobbs NM)
 575-746-3569

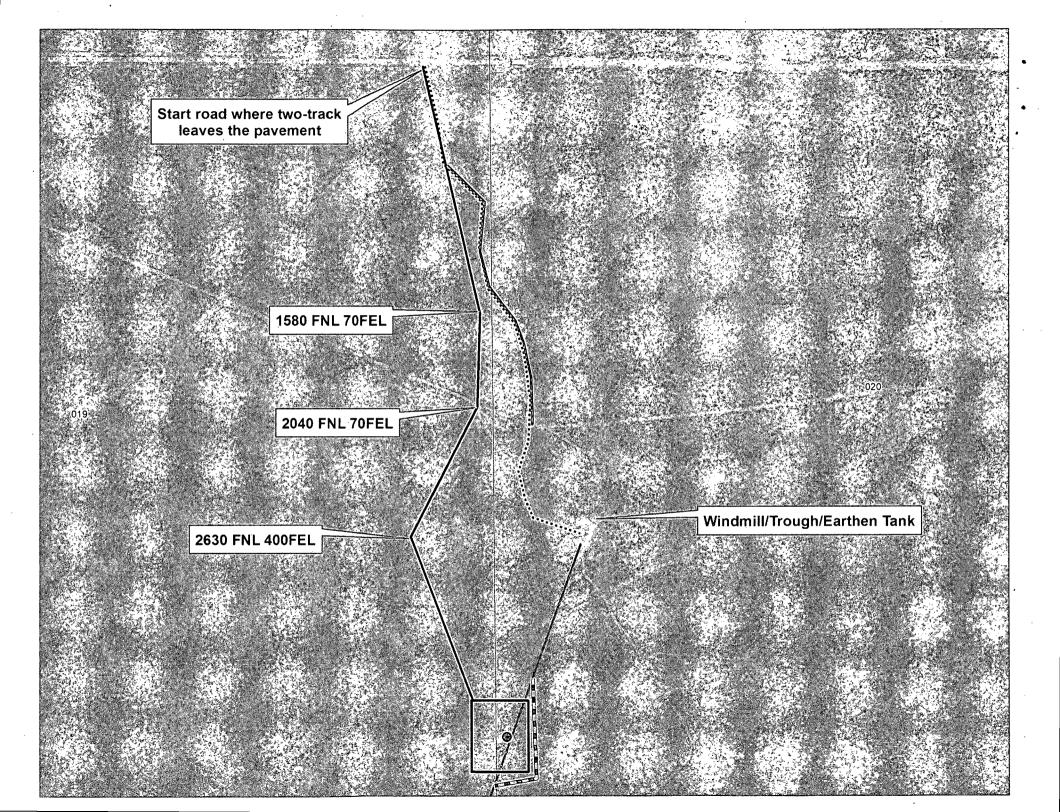
New Mexico Emergency Response Commission (Santa Fe)	505-476-9600
24 Hour	505-827-9126
New Mexico State Emergency Operations Center	505-476-9635

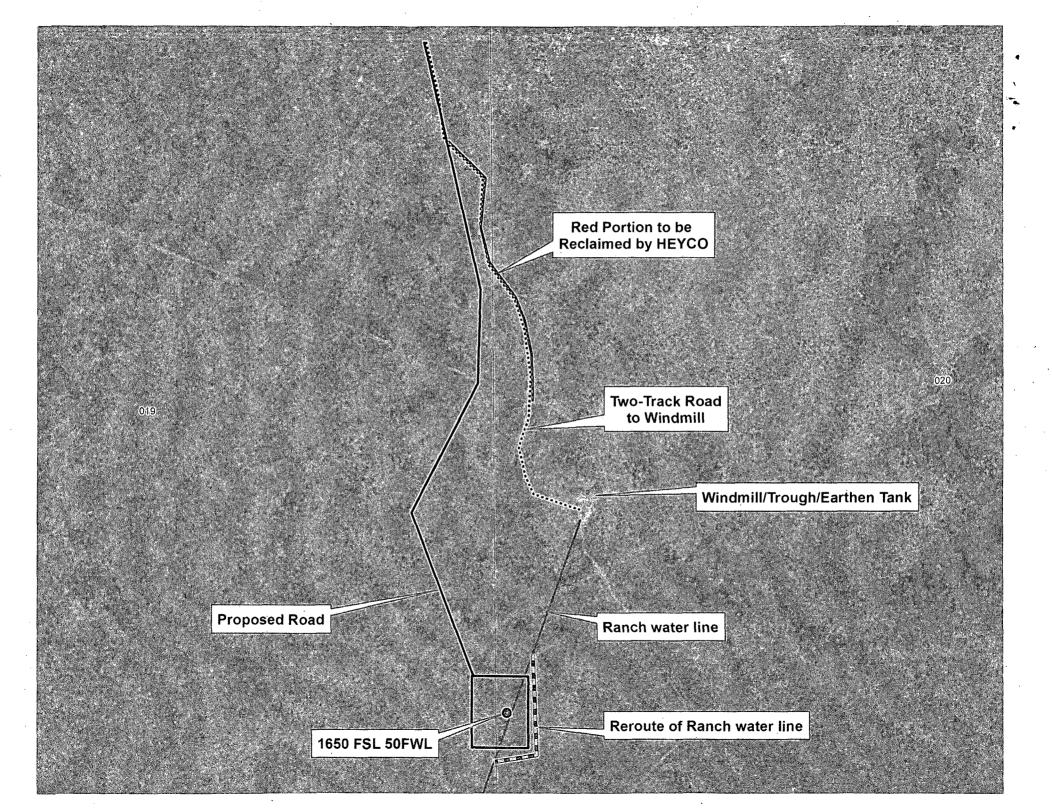
Harvey E. Yates

Exhibit 6 Stebbins 20 Federal 1H SHL: UL.L, Sec 20, T20S, R29E 2250' FSL & 50' FWL BHL: UL. I, Sec 20, T20S, R29E 2250' FSL & 330' FEL Eddy Co. N.M

- 1. V-Door to the South
- 2. Top soil pile on the North side of location.
- 3. Road coming into the Northwest corner of location.
- 4. Tank Battery, 6 x 20 Heater to the south side 500bbls steel oil tank & 500bbls fiberglass water tanks on the southwest side of location
- 5. Down size location to 200' x 270'







Surface Use Plan Harvey E. Yates Stebbins 20 Federal 1H UL-L, Section 20, T20S, R29E 2250' FSL & 50' FWL Eddy County, New Mexico

1. Existing Roads:

Exhibit 1 contains the surveys and a maps with proposed location and lease roads. The location is approximately 15 miles south of Carlsbad, NM. From Intersection of St Hwy 62/180 and Co. Road 238,(burton flate) Go north on Co. road 238 approx 2.1 miles. Turn left (west) go 4.1 miles; Turn left and go 0.5 miles to location.

2. Planned Access Roads:

Approximatly 3227' of new road will be built to access this location. Maximum width of driving surface will be 14' and maximum surface disurbance needed for construct the road will be 25'. The road will be crowned and the ditched with a 2% slope from tip of the crown to yhe edge or driving surface. Ditches will be 3' wide with 3:1 slopes. The driving surface will be made of 6" rolled and compacted caliche. 822' of the two track road not be use will be reclaimed by berming up both ends, rip and re seeded with blm #3 seed mix.

3. Location of Existing Wells:

See EXHIBIT #3 Existing wells within 1 mile.

4. Location of Tank Batteries, Electric Lines, Etc:

a. In the event the well is found productive, the tank battery would be utilized and the necessary production equipment will be installed see exhibit #6 b. Will tie to CVE electric line to the north of location.

5. Location and Type of Water Supply:

This location will be drilled using a combination of water mud systems (outlined in the drilling program). Water will be obtained from commercial water stations in the area. Fast line And/or hauled in by transport truck using the existing and proposed roads shown in the Vicinty Map.

6. Source of Construction Material:

a. Top soil will be stock piled on the north side of location and will be used after drilling and completion operations to reduce location size on north and east side and reseeded to BLM specifications. See location map.

b. All caliche utilized for the drilling pad and proposed access road will be obtained from an existing BLM / State approved pit or from deposits found under the location. All roads will be constructed of 6" rolled and compacted caliche.

7. Methods of Handling Waste Disposal:

a. All trash, junk, and other waste material will be contained in trash cages or trash bin to prevent scattering. When the job is completed, all contents will be removed and

disposed of in an approved sanitary landfill. The wellsite will be cleaned of all waste within 30 days of final completion of the well.

b. A portable toilet will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.

c. Disposal of fluids to be transported by trucks to a nearby approved disposal.

d. We will be using a Close Loop System on this well. During drilling operation a third party service will be utilize solids control equipment to remove cutting from drilling fluid and collect in haul off bins. Equipment will closely monitored at all times while drilling by the derrick hand and the service company employees.

8. Ancillary Facilities:

Harvey E. Yates (Heyco) will explore all options for obtaining water storage for stimulation before constructing a frac pit, Heyco will look to utilize offset Frac pits built by nearby operators, next option will be temporary Poisidon Frac tanks if a nearby source of water is available, if this is not possible a Frac Pit will be built. When operations are complete the Frac pit will be reclaimed and reseeded to BLM requirments.

9. Wellsite Layout:

a. EXHIBIT #D shows the relative location and dimensions of the well pad and major rig components.

b. The land is relatively flat with scattered sand dunes and sandy soil.

c. The pad area has been staked.

d. We will reroute a rancher water line 25" off north side of well pad prior to construction.

10. Plan for Restoration of the Surface:

a. After drilling and completion operations are completed, all equipment and other materials not needed for further operations will be removed. The location cleaned of all trash to leave the wellsite as pleasant in appearance as possible.

b. If the proposed operation is nonproductive, all restoration and/or vegetation requirements of the BLM will be complied with, and will be accomplished as quickly as possible.

c. Interim reclamation consists of minimizing the footprint of disturbance by reclaiming the north side by 70' and the south side by 70'. all portions of the well site not needed for production operations. Topsoil is respread over areas not needed for production operations and recontoured to the surrounding area and reseeded. See exhibit 6.

11. Other Information:

a. The mineral and surface owner is the Federal Government and Grazing leases (Winston Ballard) will be contacted .

b. The topography consists of slighty sandy soil with native grasses. No wildlife was observed, but the usual inhabitants of this region are Jackrabbits, Reptiles, Coyotes, etc.

c. There are no ponds, lakes, or rivers in this area.

d. An Archaeological Survey has been made and a copy will be sent to the Carlsbad BLM office. There is no evidence of any significant archaeological, historical, or cultural sites in the area. Further, there are no occupied dwellings or windmills in the area.

e. Should any incidental oil be recovered during testing of this well, this oil will be considered waste oil and not sellable due to contamination by drilling and/or completion fluids.

12. Operator's Representative:

The Harvey E. Yates (Heyco) Company representatives reponsible for ensuring compliance of the surface Use plan are listed below.

Keith₃Cannon, Drilling Superintendent

Harvey E. Yates 500 N. Main, Suite one P.O Box 1933 Roswell N.M 88202 (575) 623-6601

OPERATOR CERTIFICATION

I certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions that presently exist; that I have full knowledge of State and Federal Laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true, and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations of 18 U.S.C. 1001 for the filing of false statements. Executed the 10 day of February 2014.

Name: <u>Keith Cannon</u> Position: <u>Drilling Superintendent</u> Address: <u>P.O. BOX 1936</u> <u>Roswell NM 88202</u> Telephone: <u>575-623-6601</u> Email: <u>kcannon@heycoenergy.com</u>

2/10/14 Signed:

PECOS DISTRICT CONDITIONS OF APPROVAL

~~~~	OPERATOR'S NAME:	Harvey E Yates
	LEASE NO.:	NM03677
	WELL NAME & NO.:	1H-Stebbins 20 Federal
•	SURFACE HOLE FOOTAGE:	1650' FSL & 50' FWL
·	BOTTOM HOLE FOOTAGE	2250' FSL & 330' FEL,
	LOCATION:	Section 20, T. 20 S., R 29 E., NMPM
	COUNTY:	Eddy County, New Mexico
	•	1

# TABLE OF CONTENTS

Standard Conditions of Approval (COA) apply to this APD. If any deviations to these standards exist or special COAs are required, the section with the deviation or requirement will be checked below.

General Provisions
Permit Expiration
Archaeology, Paleontology, and Historical Sites
Noxious Weeds
Special Requirements
Berm Well Pad
Livestock Water Pipeline Reroute Requirements
Two-Track Road Reclamation Requirements
Cave/Karst
Construction
Notification
Topsoil
Closed Loop System
Federal Mineral Material Pits
Well Pads
Roads
Road Section Diagram
⊠ Drilling
High Cave/Karst
Capitan Reef
Casing/Cement Requirements
Logging Requirements
Waste Material and Fluids
Production (Post Drilling)
Well Structures & Facilities
Interim Reclamation
Final Abandonment & Reclamation

# I. GENERAL PROVISIONS

The approval of the Application For Permit To Drill (APD) is in compliance with all applicable laws and regulations: 43 Code of Federal Regulations 3160, the lease terms, Onshore Oil and Gas Orders, Notices To Lessees, New Mexico Oil Conservation Division (NMOCD) Rules, National Historical Preservation Act As Amended, and instructions and orders of the Authorized Officer. Any request for a variance shall be submitted to the Authorized Officer on Form 3160-5, Sundry Notices and Report on Wells.

# **II. PERMIT EXPIRATION**

If the permit terminates prior to drilling and drilling cannot be commenced within 60 days after expiration, an operator is required to submit Form 3160-5, Sundry Notices and Reports on Wells, requesting surface reclamation requirements for any surface disturbance. However, if the operator will be able to initiate drilling within 60 days after the expiration of the permit, the operator must have set the conductor pipe in order to allow for an extension of 60 days beyond the expiration date of the APD. (Filing of a Sundry Notice is required for this 60 day extension.)

# III. ARCHAEOLOGICAL, PALEONTOLOGY & HISTORICAL SITES

Any cultural and/or paleontological resource discovered by the operator or by any person working on the operator's behalf shall immediately report such findings to the Authorized Officer. The operator is fully accountable for the actions of their contractors and subcontractors. The operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery shall be made by the Authorized Officer to determine the appropriate actions that shall be required to prevent the loss of significant cultural or scientific values of the discovery. The operator shall be held responsible for the cost of the proper mitigation measures that the Authorized Officer assesses after consultation with the operator on the evaluation and decisions of the discovery. Any unauthorized collection or disturbance of cultural or paleontological resources may result in a shutdown order by the Authorized Officer.

# IV. NOXIOUS WEEDS

The operator shall be held responsible if noxious weeds become established within the areas of operations. Weed control shall be required on the disturbed land where noxious weeds exist, which includes the roads, pads, associated pipeline corridor, and adjacent land affected by the establishment of weeds due to this action. The operator shall consult with the Authorized Officer for acceptable weed control methods, which include following EPA and BLM requirements and policies.

# V. SPECIAL REQUIREMENT(S)

## Berm Well Pad:

The entire perimeter of the well pad will be bermed to prevent oil, salt, and other chemical contaminants from leaving the well pad.

- The compacted berm shall be constructed at a minimum of 12 inches high with impermeable mineral material (e.g. caliche).
- No water flow from the uphill side(s) of the pad shall be allowed to enter the well pad.
- The topsoil stockpile shall be located outside the bermed well pad.
- Topsoil, either from the well pad or surrounding area, shall not be used to construct the berm.
- No storm drains, tubing or openings shall be placed in the berm.
- If fluid collects within the bermed area, the fluid must be vacuumed into a safe container and disposed of properly at a state approved facility.
- The integrity of the berm shall be maintained around the surfaced pad throughout the life of the well and around the downsized pad after interim reclamation has been completed.
- Any access road entering the well pad shall be constructed so that the integrity of the berm height surrounding the well pad is not compromised. (Any access road crossing the berm cannot be lower than the berm height.)

# Livestock Water Pipeline Reroute Requirements

The buried livestock water pipeline located underneath the proposed well pad must be rerouted around the east side of the well location as depicted in the survey plat in the APD. The operator/contractor must coordinate with the rancher (Winston Ballard) prior to pipeline reroute installation to work out details on installation procedures. The operator is responsible for the integrity of the rerouted pipeline for the life of the Stebbins 20 Fed #1H well.

## **Two-Track Road Reclamation Requirements**

The two track road identified in the "Location Verification Map" in the APD and "Figure 1" in this document must be reclaimed during the same time as the new road construction. Reclamation procedures shall include ripping or disking the two-track road to break up the soil. The edges of the road and roadbed need to be contoured to match the surrounding terrain. The two ends of the portion of two-track road to be reclaimed must be sufficiently barricaded to prevent vehicle traffic on the reclamation.

# Cave and Karst

** Depending on location, additional Drilling, Casing, and Cementing procedures may be required by engineering to protect critical karst groundwater recharge areas.

# **Cave/Karst Surface Mitigation**

The following stipulations will be applied to minimize impacts during construction, drilling and production.

# **Construction:**

In the advent that any underground voids are opened up during construction activities, construction activities will be halted and the BLM will be notified immediately.

# No Blasting:

No blasting will be utilized for pad construction. The pad will be constructed and leveled by adding the necessary fill and caliche.

## Pad Berming:

The entire perimeter of the well pad will be bermed to prevent oil, salt, and other chemical contaminants from leaving the well pad.

- The compacted berm shall be constructed at a minimum of 12 inches high with impermeable mineral material (e.g. caliche).
- No water flow from the uphill side(s) of the pad shall be allowed to enter the well pad.
- The topsoil stockpile shall be located outside the bermed well pad.
- Topsoil, either from the well pad or surrounding area, shall not be used to construct the berm.
- No storm drains, tubing or openings shall be placed in the berm.
- If fluid collects within the bermed area, the fluid must be vacuumed into a safe container and disposed of properly at a state approved facility.
- The integrity of the berm shall be maintained around the surfaced pad throughout the life of the well and around the downsized pad after interim reclamation has been completed.
- Any access road entering the well pad shall be constructed so that the integrity of the berm height surrounding the well pad is not compromised. (Any access road crossing the berm cannot be lower than the berm height.)

#### Tank Battery Liners and Berms:

Tank battery locations will be lined and bermed. A 20 mil permanent liner will be installed with a 4 oz. felt backing to prevent tears or punctures. Tank battery berms must be large enough to contain  $1\frac{1}{2}$  times the content of the largest tank.

## Leak Detection System:

A method of detecting leaks is required. The method could incorporate gauges to measure loss, situating values and lines so they can be visually inspected, or installing electronic sensors to alarm when a leak is present. Leak detection plan will be submitted to BLM for approval.

#### Automatic Shut-off Systems:

Automatic shut off, check values, or similar systems will be installed for pipelines and tanks to minimize the effects of catastrophic line failures used in production or drilling.

# **Cave/Karst Subsurface Mitigation**

The following stipulations will be applied to protect cave/karst and ground water concerns:

# **Rotary Drilling with Fresh Water:**

Fresh water will be used as a circulating medium in zones where caves or karst features are expected. SEE ALSO: Drilling COAs for this well.

## **Directional Drilling:**

Kick off for directional drilling will occur at least 100 feet below the bottom of the cave occurrence zone. SEE ALSO: Drilling COAs for this well.

#### Lost Circulation:

ALL lost circulation zones from the surface to the base of the cave occurrence zone will be logged and reported in the drilling report.

Regardless of the type of drilling machinery used, if a void of four feet or more and circulation losses greater than 70 percent occur simultaneously while drilling in any cavebearing zone, the BLM will be notified immediately by the operator. The BLM will assess the situation and work with the operator on corrective actions to resolve the problem.

## Abandonment Cementing:

Upon well abandonment in high cave karst areas additional plugging conditions of approval may be required. The BLM will assess the situation and work with the operator to ensure proper plugging of the wellbore.

## **Pressure Testing:**

Annual pressure monitoring will be performed by the operator on all casing annuli and reported in a sundry notice. If the test results indicated a casing failure has occurred, remedial action will be undertaken to correct the problem to the BLM's approval.

# VI. CONSTRUCTION

# A. NOTIFICATION

The BLM shall administer compliance and monitor construction of the access road and well pad. Notify the Carlsbad Field Office at (575) 234-5909 at least 3 working days prior to commencing construction of the access road and/or well pad.

When construction operations are being conducted on this well, the operator shall have the approved APD and Conditions of Approval (COA) on the well site and they shall be made available upon request by the Authorized Officer.

# **B.** TOPSOIL

The operator shall strip the top portion of the soil (root zone) from the entire well pad area and stockpile the topsoil along the edge of the well pad as depicted in the APD. The root zone is typically six (6) inches in depth. All the stockpiled topsoil will be redistributed over the interim reclamation areas. Topsoil shall not be used for berming the pad or facilities. For final reclamation, the topsoil shall be spread over the entire pad area for seeding preparation.

Other subsoil (below six inches) stockpiles must be completely segregated from the topsoil stockpile. Large rocks or subsoil clods (not evident in the surrounding terrain) must be buried within the approved area for interim and final reclamation.

#### C. CLOSED LOOP SYSTEM

Tanks are required for drilling operations: No Pits.

The operator shall properly dispose of drilling contents at an authorized disposal site.

# D. FEDERAL MINERAL MATERIALS PIT

Payment shall be made to the BLM prior to removal of any federal mineral materials. Call the Carlsbad Field Office at (575) 234-5972.

# E. WELL PAD SURFACING

Surfacing of the well pad is not required.

If the operator elects to surface the well pad, the surfacing material may be required to be removed at the time of reclamation. The well pad shall be constructed in a manner which creates the smallest possible surface disturbance, consistent with safety and operational needs.

# F. EXCLOSURE FENCING (CELLARS & PITS)

# **Exclosure Fencing**

The operator will install and maintain exclosure fencing for all open well cellars to prevent access to public, livestock, and large forms of wildlife before and after drilling operations until the pit is free of fluids and the operator initiates backfilling. (For examples of exclosure fencing design, refer to BLM's Oil and Gas Gold Book, Exclosure Fence Illustrations, Figure 1, Page 18.)

# G. ON LEASE ACCESS ROADS

## **Road Width**

The access road shall have a driving surface that creates the smallest possible surface disturbance and does not exceed fourteen (14) feet in width. The maximum width of surface disturbance, when constructing the access road, shall not exceed twenty-five (25) feet.

# Surfacing

Surfacing material is not required on the new access road driving surface. If the operator elects to surface the new access road or pad, the surfacing material may be required to be removed at the time of reclamation.

Where possible, no improvements should be made on the unsurfaced access road other than to remove vegetation as necessary, road irregularities, safety issues, or to fill low areas that may sustain standing water.

The Authorized Officer reserves the right to require surfacing of any portion of the access road at any time deemed necessary. Surfacing may be required in the event the road deteriorates, erodes, road traffic increases, or it is determined to be beneficial for future field development. The surfacing depth and type of material will be determined at the time of notification.

#### Crowning

Crowning shall be done on the access road driving surface. The road crown shall have a grade of approximately 2% (i.e., a 1" crown on a 14' wide road). The road shall conform to Figure 1; cross section and plans for typical road construction.

#### Ditching

Ditching shall be required on both sides of the road.

#### Turnouts

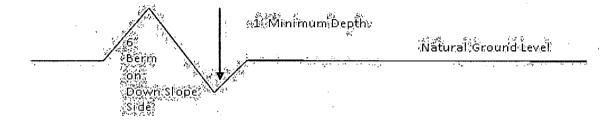
Vehicle turnouts shall be constructed on the road. Turnouts shall be intervisible withinterval spacing distance less than 1000 feet. Turnouts shall conform to Figure 1; cross section and plans for typical road construction.

#### Drainage

Drainage control systems shall be constructed on the entire length of road (e.g. ditches, sidehill outsloping and insloping, lead-off ditches, culvert installation, and low water crossings).

A typical lead-off ditch has a minimum depth of 1 foot below and a berm of 6 inches above natural ground level. The berm shall be on the down-slope side of the lead-off ditch.

# **Cross Section of a Typical Lead-off Ditch**



All lead-off ditches shall be graded to drain water with a 1 percent minimum to 3 percent maximum ditch slope. The spacing interval are variable for lead-off ditches and shall be a determined according to the formula for spacing intervals of lead-off ditches, but may be amended depending upon existing soil types and centerline road slope (in %);

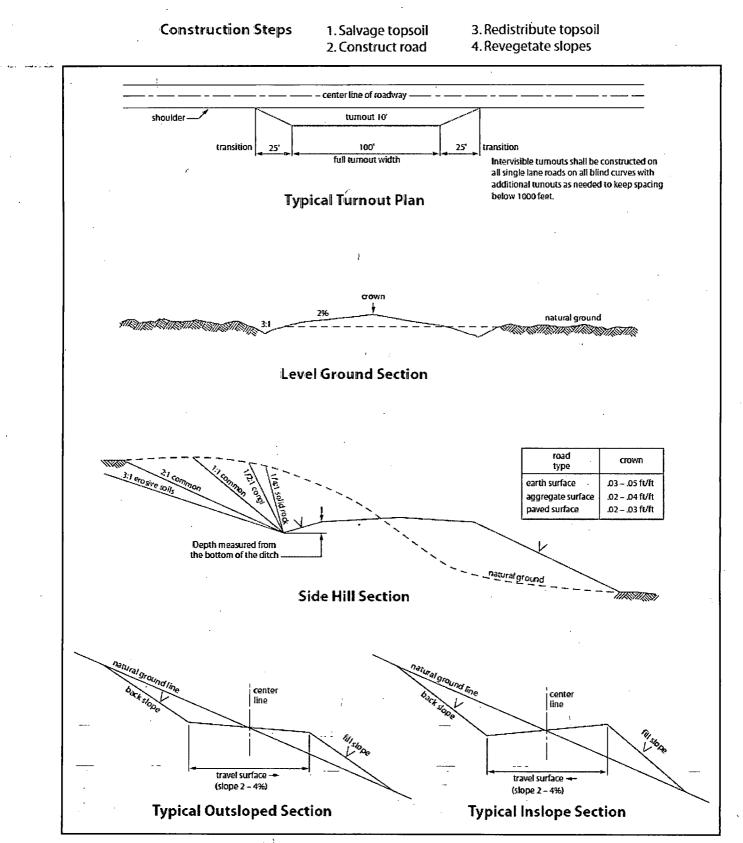
## Formula for Spacing Interval of Lead-off Ditches

Example - On a 4% road slope that is 400 feet long, the water flow shall drain water into a lead-off ditch. Spacing interval shall be determined by the following formula:

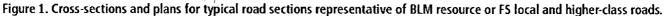
400 foot road with 4% road slope: 400' + 100' = 200' lead-off ditch interval 4%

#### Public Access

Public access on this road shall not be restricted by the operator without specific written approval granted by the Authorized Officer.



1



# VII. DRILLING

# A. DRILLING OPERATIONS REQUIREMENTS

The BLM is to be notified a minimum of 4 hours in advance for a representative to witness:

- a. Spudding well
- b. Setting and/or Cementing of all casing strings
- c. BOPE tests
  - **Eddy County**

Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (575) 361-2822

- 1. Although there are no measured amounts of Hydrogen Sulfide reported, it is always a potential hazard. If Hydrogen Sulfide is encountered, provide measured values and formations to the BLM.
- 2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval. If the drilling rig is removed without approval an Incident of Non-Compliance will be written and will be a "Major" violation.
- 3. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works is located, this does not include the dog house or stairway area.
- 4. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

#### **B. CASING**

Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

Centralizers required on surface casing per Onshore Order 2.III.B.1.f.

Wait on cement (WOC) time prior to drilling out for a primary cement job will be a minimum 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compressive strength, whichever is greater for all casing strings. DURING THIS WOC TIME, NO DRILL PIPE, ETC. SHALL BE RUN IN THE HOLE. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. IF OPERATOR DOES NOT HAVE THE WELL SPECIFIC CEMENT DETAILS ONSITE PRIOR TO PUMPING THE CEMENT FOR EACH CASING STRING, THE WOC WILL BE 30 HOURS. See individual casing strings for details regarding lead cement slurry requirements.

No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

#### High Cave/Karst

Possible water flows in the Queen, Salado and Artesia Group Possibility lost circulation in the Capitan Reef, Cherry Canyon, Salado and Artesia Group.

- 1. The 20 inch surface casing shall be set at approximately 400 feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt) and cemented to the surface. If salt is encountered, set casing at least 25 feet above the salt.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
  - b. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry.
  - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
  - d. If cement falls back, remedial cementing will be done prior to drilling out that string.

2. The minimum required fill of cement behind the 13-3/8 inch first intermediate casing, which shall be set at approximately 1200 feet (base of the Yates), is:

Cement to surface. If cement does not circulate see B.1.a, c-d above. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst.

• 3. The minimum required fill of cement behind the 9-5/8 inch second intermediate casing, which shall be set at 3100 feet in the base of the Capitan Reef, is:

Cement to surface. If cement does not circulate see B.1.a, c-d above. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst.

Pilot hole is required to have a plug at the bottom of the hole. Plug is approved as written, however the plug shall be tag at least 50 feet above the Wolfcamp or approximately 9,117'. The BLM is to be contacted (575-361-2822) prior to tag of bottom plug.

Centralizers required on horizontal leg, must be type for horizontal service and a minimum of one every other joint.

4. The minimum required fill of cement behind the 5-1/2 inch production casing is:

Cement should tie-back <u>at least 50 feet above the top of the Capitan Reef</u> (TOC at approx. 1217 or approx.. 1883 feet into previous casing string). Operator shall provide method of verification. Additional cement shall be required as excess calculates to 0%.

5. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

# C. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order-No. 2 and API RP 53 Sec. 17.

Note: A diverter requires a variance if it is only a diverter as shown on the submitted diagram with no request for a variance. If it is combined with an annular the variance is not required. – Operator can submit a sundry requesting a variance.

2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the **surface casing** shoe shall be **2000 (2M)** psi.

In the case where the only BOP installed is an annular preventer, it shall be tested to a minimum of 2000 psi (which may require upgrading to 3M or 5M annular).

- 3. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the 13-3/8 intermediate casing shoe shall be 2000 (2M) psi.
- Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the 9-5/8 intermediate casing shoe shall be 3000 (3M) psi.
- 5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
  - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the/float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
  - b. The tests shall be done by an independent service company utilizing a test plug **not a cup or J-packer**.
  - c. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear-chart is used, it shall be a one hour chart. A circular chart shall -- have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
  - d. The results of the test shall be reported to the appropriate BLM office.

- e. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- f. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.
- g. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the **Wolfcamp** formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.

# D. DRILL STEM TEST

If drill stem tests are performed, Onshore Order 2.III.D shall be followed.

## E. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

#### EGF 110314

# VIII. PRODUCTION (POST DRILLING)

# A. WELL STRUCTURES & FACILITIES

## **Placement of Production Facilities**

Production facilities should be placed on the well pad to allow for maximum interim recontouring and revegetation of the well location.

# **Exclosure Netting (Open-top Tanks)**

Immediately following active drilling or completion operations, the operator will take actions necessary to prevent wildlife and livestock access, including avian wildlife, to all open-topped tanks that contain or have the potential to contain salinity sufficient to cause harm to wildlife or livestock, hydrocarbons, or Resource Conservation and Recovery Act of 1976-exempt hazardous substances. At a minimum, the operator will net, screen, or cover open-topped tanks to exclude wildlife and livestock and prevent mortality. If the operator uses netting, the operator will cover and secure the open portion of the tank to prevent wildlife entry. The operator will net, screen, or cover the tanks from the location or the tanks no longer contain substances that could be harmful to wildlife or livestock. Use a maximum netting mesh size of 1 ½ inches. The netting must not be in contact with fluids and must not have holes or gaps.

# **Chemical and Fuel Secondary Containment and Exclosure Screening**

The operator will prevent all hazardous, poisonous, flammable, and toxic substances from coming into contact with soil and water. At a minimum, the operator will install and maintain an impervious secondary containment system for any tank or barrel containing hazardous, poisonous, flammable, or toxic substances sufficient to contain the contents of the tank or barrel and any drips, leaks, and anticipated precipitation. The operator will dispose of fluids within the containment system that do not meet applicable state or U. S. Environmental Protection Agency livestock water standards in accordance with state law; the operator must not drain the fluids to the soil or ground. The operator will design, construct, and maintain all secondary containment systems to prevent wildlife and livestock exposure to harmful substances. At a minimum, the operator will install effective wildlife and livestock exclosure systems such as fencing, netting, expanded metal mesh, lids, and grate covers. Use a maximum netting mesh size of 1 ½ inches.

## **Open-Vent Exhaust Stack Exclosures**

The operator will construct, modify, equip, and maintain all open-vent exhaust stacks on production equipment to prevent birds and bats from entering, and to discourage perching, roosting, and nesting. (*Recommended exclosure structures on open-vent exhaust stacks are in the shape of a cone.*) Production equipment includes, but may not be limited to, tanks, heater-treaters, separators, dehydrators, flare stacks, in-line units, and compressor mufflers.

# **Containment Structures**

Proposed production facilities such as storage tanks and other vessels will have a secondary containment structure that is constructed to hold the capacity of 1.5 times the largest tank, plus freeboard to account for precipitation, unless more stringent protective requirements are deemed necessary.

# **Painting Requirement**

All above-ground structures including meter housing that are not subject to safety requirements shall be painted a flat non-reflective paint color, <u>Shale Green</u> from the BLM Standard Environmental Color Chart (CC-001: June 2008).

# IX. INTERIM RECLAMATION

During the life of the development, all disturbed areas not needed for active support of production operations should undergo interim reclamation in order to minimize the environmental impacts of development on other resources and uses.

Within six (6) months of well completion, operators should work with BLM surface management specialists (Jim Amos: 575-234-5909) to devise the best strategies to reduce the size of the location. Interim reclamation should allow for remedial well operations, as well as safe and efficient removal of oil and gas.

During reclamation, the removal of caliche is important to increasing the success of revegetating the site. Removed caliche that is free of contaminants may be used for road repairs, fire walls or for building other roads and locations. In order to operate the well or complete workover operations, it may be necessary to drive, park and operate on restored interim vegetation within the previously disturbed area. Disturbing revegetated areas for production or workover operations will be allowed. If there is significant disturbance and loss of vegetation, the area will need to be revegetated. Communicate with the appropriate BLM office for any exceptions/exemptions if needed.

All disturbed areas after they have been satisfactorily prepared need to be reseeded with the seed mixture provided below.

Upon completion of interim reclamation, the operator shall submit a Sundry Notices and Reports on Wells, Subsequent Report of Reclamation (Form 3160-5).

# X. FINAL ABANDONMENT & RECLAMATION

At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land are restored.

Earthwork for final reclamation must be completed within six (6) months of well plugging. All pads, pits, facility locations and roads must be reclaimed to a satisfactory revegetated, safe, and stable condition, unless an agreement is made with the landowner or BLM to keep the road and/or pad intact.

After all disturbed areas have been satisfactorily prepared, these areas need to be revegetated with the seed mixture provided below. Seeding should be accomplished by drilling on the contour whenever practical or by other approved methods. Seeding may need to be repeated until revegetation is successful, as determined by the BLM.

Operators shall contact a BLM surface protection specialist prior to surface abandonment operations for site specific objectives (Jim Amos: 575-234-5909).

#### Seed Mixture 1, for Loamy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (small/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

Species	lb/acre
Plains lovegrass (Eragrostis intermedia)	0.5
Sand dropseed (Sporobolus cryptandrus)	1.0
Sideoats grama (Bouteloua curtipendula)	5.0
Plains bristlegrass (Setaria macrostachya)	2.0

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed