

"ADDENDUM"

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

CONFIDENTIAL
CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
Contract 701-90-0001

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Jicarilla 2A-1

9. API Well No.

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Rio Arriba County
New Mexico

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

American Hunter Exploration Ltd.

3. Address and Telephone No.

Suite 1220, 410 - 17th Street Denver, Colorado 80202

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

606' FNL & 1240' FEL (NENE)
Section 2-T27N-R1W

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Addendum cement report

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

250' of 10-3/4 K-55 - 40.5 lb. casing was run and cemented to surface as per the attached Sundry Notice dated 3/3/92. The cement was circulated to surface with 10 bbls of cement returns as per Dowell cementing report.

ACCEPTED FOR RECORD

MAR 20 1992

FARMINGTON RESOURCE AREA

BY 5/11

RECEIVED
BLM
FARMINGTON, N.M.
MARCH 16 AM 11:18

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Senior Drilling Superintendent

Date March 12, 1992

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OPERATOR

"ADDENDUM"

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PRIVATE AND CONFIDENTIAL

APPROVED
Bureau of Land Management, BLM-0135
Expires: March 31, 1993

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SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

American Hunter Exploration Ltd.

3. Address and Telephone No.

Suite 1220, 410 17th Street Denver, Colorado 80202 (303)825-5212

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surf. Loc. 442'FNL, 1177'FEL
BHL 620'FNL, 3277'FEL

5. Lease Designation and Serial No.

701-90-0001

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Jicarilla 2A-1

9. API Well No.

30-039-25118

10. Field and Pool, or Exploratory Area

W. Puerto Chiquito Mancos

11. County or Parish, State

Rio Arriba County
New Mexico

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250' of 10-3/4 K-55-40.5 lb. casing was run and cemented to surface as per the attached Sundry Notice dated 3/3/92. The cement was circulated to surface with 10 bbls of cement returns as per Dowell cementing report.

RECEIVED
JUN 22 1992
OIL CON. DIV. I
DIST. 3

RECEIVED
BLM
JUN 12 PM 1:36
010 FARMINGTON, N.M.

14. I hereby certify that the foregoing is true and correct

Signed

Title

Senior Geologist

Date June 9, 1992

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

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FARMINGTON RESOURCE AREA

BY

Sm

NMOOD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No.
2. Name of Operator AMERICAN HUNTER EXPLORATION LTD.	6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3. Address and Telephone No. 410 - 17th STREET; SUITE 1220; DENVER, COLORADO 80202	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 605' FNL & 1240' FEL (NENE) SECTION 2 - T27N-R1W	8. Well Name and No. JICARILLA 2A-1
	9. API Well No.
	10. Field and Pool, or Exploratory Area WILDCAT
	11. County or Parish, State RIO ARRIBA, NEW MEXICO

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other INTERMEDIATE CSG.
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work, if well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Intermediate casing was run and cemented on reference well on 10-14-91 as follows:

7 5/8" Intermediate casing landed @ 4569ft KB. and cemented
Casing Details - Shoe (1.45'); 1 jt. 7 5/8", 26.4#, L80, LT&C (42.5'); Float collar (1.32'); 66 jts 7 5/8", 26.4#, L80, LT&C (2837.41'); 39 jts 7 5/8", 29.7#, L80, LT&C; Total length 4579.14' landed @ 4569' KB.

Cementing Details - 20 bbls Water, + 1011 sx 35/65 POZMIX w/ 6% D20, 2% sl, 1/4#/sx D29 followed with 231 sx Class 'G' w/ 0.5% D59, 0.4% D65, 0.2% D136, 0.25% D79 displaced with 212.8 bbls of crude.

NOTE: Lost 3/4 returns after 134 bbls of displacement.

CONFIDENTIAL

ACCEPTED FOR RECORD

MAR 23 1992

FARMINGTON RESOURCE AREA

14. I hereby certify that the foregoing is true and correct

Signed B. Thistle

Title Drilling Technologist

Date 03/03/92

(This space for Federal or State office use)

Approved by
Conditions of approval, if any:

Title

Date

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OPERATOR

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2. Name of Operator

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Suite 1220, 410 - 17th Street Denver, Colorado 80202

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

606' FNL & 1240' FEL (NENE)
Section 2-T27N-R1W

5. Lease Designation and Serial No.

Contract 701-90-0001

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Jicarilla 2A-1

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Wildcat

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250' of 10-3/4 K-55 - 40.5 lb. casing was run and cemented to surface as per the attached Sundry Notice dated 3/3/92. The cement was circulated to surface with 10 bbls of cement returns as per Dowell cementing report.

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FARMINGTON RESOURCE AREA

BY

RECEIVED
BLM

MAR 16 AM 11:18

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Signed

Title Senior Drilling Superintendent

Date March 12, 1992

(This space for Federal or State office use)

Approved by

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250' of 10-3/4 K-55 - 40 MOCD copies returned
Sundry Notice dated 3/3/92 for your disposition
returns as per Dowell cen

mented to surface as per the attached
ed to surface with 10 bbls of cement

ACCEPTED FOR RECORD

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mmccj

OPERATOR

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BLM
MAR 12 PM 1:06

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OPERATOR

CASING SUMMARY

Well Name AHIL Jicarilla 28-1 KB to CSg. Bowl Flg. 18.6
 Purpose of Casing Surface Size 10 3/4 Date 91-09-30

No. Joints	Description (Size, wt, grade, make, rge, threads)	Measured Length	KB Depth
1	10 3/4 sawtooth collar	.65	249.35
1	10 3/4 K55, STC, 40.5", 8-d	42.50	206.85
1	10 3/4 insert float	-	206.85
5	10 3/4 40.5", K55, STC, 8-d	211.81	

PRIVATE AND CONFIDENTIAL

Weld/Thread Lock (No. Jts.) 1

TOTAL STRING 254.96

Centralizers 3. 1-2-3

KB to Casing Top 4.96

Landed Depth, KB 250. -

Scratchers _____

Cementing Company Dawell Operator Lyndon Asmus

Job Details: Stage #1 Stage #2

Circ. Time before Cement .45 min's

Preflush - Volume & Type 10 bbl's water

Cement - Slurry Volume 22 bbl's - "G" + 28 s.l. + 1/4 lb/c 029

- Cmt. & Additives _____

Mixing Times (from - to) 00:32 - 00:48

Displ. Fluid - Volume & Type water - 20.8 bbl's

Displ. Times (from - to) 00:49 - 00:57

Lead Plug Type rubber

Tail Plug Type _____

Plug Bumped? yes

Full Returns? yes

Make of Stage Tool _____

Remarks 1st float collar hold shut in pres. for 4 hrs.

Company Representative [Signature]

Note: Attach casing tally sheets.

AMERICAN HUNTER EXPLORATION

ATT Slave to Texas

PRIVATE AND CONFIDENTIAL SHEET

Page 1 of 1

WELL NAME AMEL Tlacilla 28-1

SIZE 10 3/4 WT. 40.5 GRADE K55 COUPLING STC THRD 8-d.

JOINTS ON LOCATION 6 DATE 91-09-30

Note: Indicate which joints not run by *

JOINT	LENGTH	JOINT	LENGTH	JOINT	LENGTH	JOINT	LENGTH	JOINT	LENGTH
1	42.50	1		1		1		1	
2	43.68	2		2		2		2	
3	40.80	3		3		3		3	
4	43.60	4		4		4		4	
5	41.95	5		5		5		5	
6	41.78	6		6		6		6	
7		7		7		7		7	
8		8		8		8		8	
9		9		9		9		9	
10		30		50		70		90	
A	254.31	C		E		G		I	
1		1		1		1		1	
2		2		2		2		2	
3		3		3		3		3	
4		4		4		4		4	
5		5		5		5		5	
6		6		6		6		6	
7		7		7		7		7	
8		8		8		8		8	
9		9		9		9		9	
20		40		60		80		100	
B		D		F		H		J	

A	254.31
B	
C	
D	
E	
F	
G	
H	
I	
J	
TOTAL	

PAGE TOTAL

BROUGHT FORWARD

GRAND TOTAL

JOINTS	LENGTH
6	254.31
-	-
6	254.31

REMARKS:

COMPANY REPRESENTATIVE



AMERICAN HUNTER EXPLORATION

CEMENTING SERVICE REPORT



DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 11-5-3186	DATE 1/30/91
ST. OS	DISTRICT Fairington, N.I.

PRINTED IN U.S.A.

NAME AND NO. icorilla	LOCATION (LEGAL) Sec 2 T27U 1W	RIG NAME: Four Corners #15																																								
FORMATION	STATE New Mexico	API. NO.																																								
CITY/PARISH in Arriba	American Hunter																																									
<table border="1"> <tr> <th colspan="2">WELL DATA:</th> <th>BOTTOM</th> <th>TOP</th> </tr> <tr> <td>BIT SIZE 14 3/4</td> <td>CSG/Liner Size 10 1/2</td> <td></td> <td></td> </tr> <tr> <td>TOTAL DEPTH 220</td> <td>WEIGHT 40.5</td> <td></td> <td></td> </tr> <tr> <td>2 ROT C CABLE</td> <td>FOOTAGE 254.81</td> <td></td> <td></td> </tr> <tr> <td>MUD TYPE</td> <td>GRADE</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> BRST</td> <td>THREAD</td> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/> BRCT</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MUD DENSITY</td> <td>LESS FOOTAGE SHOE JOINT(S) 42.5</td> <td></td> <td></td> </tr> <tr> <td>MUD VISC.</td> <td>Disp. Capacity 212.3</td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td></td> <td>TOTAL 212.3</td> </tr> </table>			WELL DATA:		BOTTOM	TOP	BIT SIZE 14 3/4	CSG/Liner Size 10 1/2			TOTAL DEPTH 220	WEIGHT 40.5			2 ROT C CABLE	FOOTAGE 254.81			MUD TYPE	GRADE			<input type="checkbox"/> BRST	THREAD			<input type="checkbox"/> BRCT				MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) 42.5			MUD VISC.	Disp. Capacity 212.3						TOTAL 212.3
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PRIVATE AND CONFIDENTIAL

ADDRESS	ZIP CODE	<table border="1"> <tr> <td>TYPE</td> <td>60 H/A</td> <td>TYPE</td> <td></td> </tr> <tr> <td>DEPTH</td> <td>207.5</td> <td>DEPTH</td> <td></td> </tr> <tr> <td>TYPE</td> <td>Texas Pattern</td> <td>TYPE</td> <td></td> </tr> <tr> <td>DEPTH</td> <td>250</td> <td>DEPTH</td> <td></td> </tr> </table>	TYPE	60 H/A	TYPE		DEPTH	207.5	DEPTH		TYPE	Texas Pattern	TYPE		DEPTH	250	DEPTH																		
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SPECIAL INSTRUCTIONS cement 254' of 10 3/4" surface using 350 lbs of 655 G + 790 1/4" H/A 229. Displace with water.		<table border="1"> <tr> <td>Head & Plugs</td> <td><input type="checkbox"/> TAG</td> <td><input type="checkbox"/> P.</td> <td>SQUEEZE JOB</td> </tr> <tr> <td><input type="checkbox"/> Double</td> <td>SIZE</td> <td>TOOL</td> <td>TYPE</td> </tr> <tr> <td><input type="checkbox"/> Single</td> <td>WEIGHT</td> <td>DEPTH</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Swags</td> <td>GRADE</td> <td>TAIL PIPE SIZE</td> <td>DEPTH</td> </tr> <tr> <td><input type="checkbox"/> Knockoff</td> <td>THREAD</td> <td>TUBING VOLUME</td> <td>Bbls</td> </tr> <tr> <td>TOP 2A CW</td> <td><input type="checkbox"/> NEW <input type="checkbox"/> USED</td> <td>CASING VOL. BELOW TOOL</td> <td>Bbls</td> </tr> <tr> <td>BOT OR CW</td> <td>DEPTH</td> <td>TOTAL</td> <td>Bbls</td> </tr> <tr> <td colspan="2"></td> <td>ANNUAL VOLUME</td> <td>Bbls</td> </tr> </table>		Head & Plugs	<input type="checkbox"/> TAG	<input type="checkbox"/> P.	SQUEEZE JOB	<input type="checkbox"/> Double	SIZE	TOOL	TYPE	<input type="checkbox"/> Single	WEIGHT	DEPTH		<input type="checkbox"/> Swags	GRADE	TAIL PIPE SIZE	DEPTH	<input type="checkbox"/> Knockoff	THREAD	TUBING VOLUME	Bbls	TOP 2A CW	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL	Bbls	BOT OR CW	DEPTH	TOTAL	Bbls			ANNUAL VOLUME	Bbls
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ADDITIONAL TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PSI	CASING WEIGHT - SURFACE AREA (3.14 x R ²)																																	
PRESSURE	PSI	BUMP PLUG TO 500	PSI																																
PSI LIMIT	700	FT	No of Centralizers 3																																
ATE	RPM	RECIPROCATE																																	

TIME	PRESSURE	VOLUME PUMPED bbl	JOB SCHEDULED FOR TIME: 15:00 DATE: 1/29/91	ARRIVE ON LOCATION TIME: 20:00 DATE: 1/29/91	LEFT LOCATION TIME: 02:00 DATE: 1/30/91
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TIME TO 2400	TAG OR C/P	CASING	VOLUME PUMPED bbl		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
			INCREMENT	CUM				
0-7	+	100	10	0	3	H ₂ O	8.3	PRE-JOB SAFETY MEETING
0-7		150	72	10	4	cmf	15.8	1st 15' H/A 500 psi
248		300	0	82	0	cmf	15.8	start water
249		100	20.8	0	4	H ₂ O	8.3	start cement
257		500	0	20.8	0	H ₂ O	8.3	shut down; drop plug
00								start displacement
								shut down; bump plug
								close head in;
								end job.

MARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED	
				BBLs	DENSITY
1	350	1.15	G + 790 SI + 1/2 BLEDP.	72	15.8
2					
3					
4					
5					

ACKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. 500	MIN: 0
CEMENTATION SO	<input type="checkbox"/> BURNING SO	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 10 Bbls
ACKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL. 20.8	Bbls
Red Thru Parts	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10	FT	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE
FORATIONS	10	10	CUSTOMER REPRESENTATIVE	OS SUPERVISOR	
10	10		John O'Shan	Lynne Asmus	