For KCC Use: 9-/2-2012_
Effective Date: 2
District # 2
SGA? Yes KNo

130 S. Market - Room 2078, Wichita, Kansas 67202

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

OWN

March 2010 Form must be Typed Form must be Signed All blanks must be Filled

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

The submitted with the Kansas Surface Owner Notification Act. MUST be submitted with this form.

	08/20/2012	or compraried than are reasoned	Spot Description:	
Expected Spud Date:	month	day year	NW _ NW _ SW Sec11 Twp26	S. R. 4 XE W
	5446			N / X S Line of Section
OPERATOR: License# _				E / X W Line of Section
Name: BENJAMIN M. GI			Is SECTION: Regular Irregular?	
Address 1: 346 S. LULU				
Address 2:	o VS	Zip: _67211 +	(Note: Locate well on the Section Plat	on reverse side)
City: WICHITA		Zip: +	County.	1A C\A/D
Contact Person: BEN GI Phone: 316-265-1992	ILLO		Lease Name: ABLAH	Well #: 1A SWD
Phone:			Field Name: EL DORADO	
CONTRACTOR: License	32701		Is this a Prorated / Spaced Field?	Yes XNo
Name: C & G DRILLING (CO		Target Formation(s): GRANITE WASH	
Well Drilled For:	Well Class:	, Type Equipment:	Nearest Lease or unit boundary line (in footage):	
	n Rec X Infield	Mud Rotary	Ground Surface Elevation: 1240	feet MSL
	rage Pool Ext	7	Water well within one-quarter mile:	Yes X No
Dis		Cable	Public water supply well within one mile:	☐Yes X No
Seismic :	—	Шеше	Depth to bottom of fresh water: 150	****
Other:			Depth to bottom of usable water:	101// 401004
			Surface Pipe by Alternate: III 149	Will Cement
If OWWO: old we	ell information as follow	rs:	Surface Pipe by Alternate: XII 197 Length of Surface Pipe Planned to be set: 137ft II	I PLACE
Operator: WF BRAI	DEN & SONS		Length of Conductor Pipe (if any):	Cas'in
Well Name: STEPH	ENSON #1		Projected Total Depth: 3,100	Card
Original Completion	Date: 10/06/1966 O	riginal Total Depth: 2,401	Formation at Total Depth: GRANITE WASH	Encloses
onga. completion			Water Source for Drilling Operations:	
Directional, Deviated or I	Horizontal wellbore?	Yes∑ No	Well Farm Pond X Other: HAULED	WATER
If Yes, true vertical depth			DWR Permit #:	
Bottom Hole Location:			— (Note: Apply for Permit with D	WR [_]
KCC DKT #:			Will Cores be taken?	Yes No
			If Yes, proposed zone:	
The undersigned hereb		ling, completion and eventual p	FFIDAVIT olugging of this well will comply with K.S.A. 55 et. seq.	RECEIVED AUG 1 0 2012
J	·	ior to spudding of well;		400 Lt 5015
 The minimum an through all uncor If the well is dry l The appropriate If an ALTERNATI Or pursuant to A must be complet 	nount of surface pipe nsolidated materials p hole, an agreement b district office will be n E II COMPLETION, p ppendix "B" - Eastern led within 30 days of t	blus a minimum of 20 feet into t etween the operator and the di notified before well is either plug production pipe shall be cement I Kansas surface casing order a the spud date or the well shall t	et by circulating cement to the top; in all cases surface the underlying formation. istrict office on plug length and placement is necessary gged or production casing is cemented in; ted from below any usable water to surface within 120 #133,891-C, which applies to the KCC District 3 area, be plugged. In all cases, NOTIFY district office prior	prior to plugging; DAYS of spud date. alternate II cementing
I hereby certify that the	statements made he	erein are true and to the best of	f my knowledge and belief.	
Date: 08/10/2012	Signature of	Operator or Agent:	Title:	NER OPERATOR
For KCC Use ONLY		,	Remember to:	urface Owner Notification
ADI# 15 P15	-30089-	00-01	 File Certification of Compliance with the Kansas St Act (KSONA-1) with Intent to Drill; 	made Owner Notification
Al-1# 10	Nan		- File Drill Pit Application (form CDP-1) with Intent to	Drill;
Conductor pipe require	1/16	feet	- File Completion Form ACO-1 within 120 days of sp	1 4
Minimum surface pipe		feet per ALT. I	- File acreage attribution plat according to field prora	tion orders;
Approved by:		-	- Notify appropriate district office 48 hours prior to w	
This authorization expi		219	- Submit plugging report (CP-4) after plugging is cor	
(This authorization void	if drilling not started with	in 12 months of approval date.)	- Obtain written approval before disposing or injecting	-
			- If well will not be drilled or permit has expired (See:	
Spud date:	Agent:		please check the box below and return to the addre	ess below.
			Well will not be drilled or Permit Expired)ate:
88-314	to KCC Concomin	tion Division	Signature of Operator or Agent:	5

For KCC Use ONLY
API # 15 - 0/5-30089-00-0

RECEIVED
AUG 1 0 2012

KCC WICHITA

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: BENJAMIN M. GILES	Location of Well: County: BUTLER
Lease: WHIPPLE	2,980 feet from N / X S Line of Section
Well Number: 7	650feet from X E / W Line of Section
Field: EL DORADO	Sec. 7 Twp. 26 S. R. 5 \times E \times W
Number of Acres attributable to well:	Is Section: 🔀 Regular or 🔲 Irregular
QTR/QTR/QTR of acreage: <u>NW</u> - <u>SE</u> - <u>SE</u> - <u>NE</u>	is Section. Negular of Integular
	If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW
Show location of the well. Show footage to the nearest led lease roads, tank batteries, pipelines and electrical lines, as requestion You may attach a set $Sec\ l(-265-4E)$	ase or unit boundary line. Show the predicted locations of uired by the Kansas Surface Owner Notice Act (House Bill 2032). parate plat if desired.
	LEGEND
	O Well Location Tank Battery Location Pipeline Location Electric Line Location Lease Road Location
330 Dusposal Line	EXAMPLE
Raz D	1980' FSL
NOTE: In all cases locate the spot of the proposed drilling lo	SEWARD CO. 3390' FEL

In plotting the proposed location of the well, you must show:

- 1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
- 2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
- 3. The distance to the nearest lease or unit boundary line (in footage).
- 4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

Kansas Corporation Commission Oil & Gas Conservation Division

Form KSONA-1
July 2010
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application).

Any such form submitted without an accompanying Form KSONA-1 will be returned.

	Well Location:			
OPERATOR: License # 5446 Name: BENJAMIN M. GILES	NW NW SW Sec. 11 Twp. 26 S. R. 4 Eas West			
Name: BENJAMIN M. GILES Address 1: 346 S. LULU	County: BUTLER			
City: WICHITA State: KS Zip: 67211 +	If filing a Form T-1 for multiple wells on a lease, enter the legal description of			
Contact Person: BEN GILES	the lease below:			
Phone: (316) 265-1992 Fax: (316) 265-1999				
Address 2: City: WICHITA State: KS Zip: 67211 Contact Person: BEN GILES Phone: (316) 265-1992 Email Address: BEN@BENGILES.KSCOXMAIL.COM				
Surface Owner Information: Name: BENJAMIN M. & CHARLENE A. GILES	. When filing a Form T-1 involving multiple surface owners, attach an additional			
Address 1: 346 S. LULU	sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.			
Address 2:				
and madical and a second blooding and investor. The Leasting a second by a set one	nk batteries, pipelines, and electrical lines. The locations shown on the plat			
Select one of the following:	on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.			
Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be	Act (House Bill 2032), I have provided the following to the surface elocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form n being filed is a Form C-1 or Form CB-1, the plat(s) required by this			
Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax, I have not provided this information to the surface owner(s).	Act (House Bill 2032), I have provided the following to the surface clocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form to being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address. I acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this			
Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax, I have not provided this information to the surface owner(s). KCC will be required to send this information to the surface task, I acknowledge that I am being charged a \$30.00 handling.	Act (House Bill 2032), I have provided the following to the surface elocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form in being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address. I acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this ang fee, payable to the KCC, which is enclosed with this form.			
Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax. I have not provided this information to the surface owner(s). KCC will be required to send this information to the surface task, I acknowledge that I am being charged a \$30.00 handling the second option, submit payment of the \$30.00 handling the second option, submit payment of the \$30.00 handling the second option, submit payment of the \$30.00 handling the second option, submit payment of the \$30.00 handling the second option.	Act (House Bill 2032), I have provided the following to the surface clocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form to being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address. I acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this ang fee, payable to the KCC, which is enclosed with this form. If the fee is not received with this form, the KSONA-1 P-1 will be returned.			
Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be CP-1 that I am filing in connection with this form; 2) if the forr form; and 3) my operator name, address, phone number, fax, I have not provided this information to the surface owner(s). KCC will be required to send this information to the surface task, I acknowledge that I am being charged a \$30.00 handling the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CB-1.	Act (House Bill 2032), I have provided the following to the surface clocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form to being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address. I acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this ang fee, payable to the KCC, which is enclosed with this form. If the fee is not received with this form, the KSONA-1 P-1 will be returned.			

KCC WICHITA

15-015-30089-0000 OPY

KANSAS GEGLOGICAL BOCIETY ANSAS WELL LOS SURSAU-RANSAS WELL SAMPLE SURSAU KANSAS SEGLOSISMI SEGLETY SULLDINS 100 SAST MURSORS WIRMITAL SAMSAS

COMPANY W. P. BRADEN & SON

rass Stephenson

×a. 1

ere. 11 v. 26 a. 48

Butler

TOTAL DEPTH 2401

EMM. 9-26-66

EMMT ON TREATED

CONTRACTOR Triangle Drig.

ISSUED 11-19-66

16 05/8" \$ 1491 w/100 sx 12 6 - 1964 - 175 541

ELEVATION 1345 KB

PRODUCTION DRY (Arb)

	TE			•
. 0		. 30	Soil and clay	
30		45	Shale and Lime	
45		125	Line	
125			Shale and Line	
127		445	Lime and Shale	
445		630	Shale w/ Lime	
630			Line and Shale	
800		1130	Shale and Lime	streaks
1130			Lime and Shale	
1960				
1975			Lime and Shale	
2338			Arbuckle Lime	
	and the second s	,	,	* .

पेर अन्य**र्श**

TOPS: SAMPLE

Base Lansing 1818 E THIF 1950
Lansas City 1950
Base Kansas City 2109
Alt 2180
Pawnee 2210
Fort Scott 2256
Cherokee 2301
Arbuckle 2338

1.8-1980 Paf - 1968 - 1972

STATE OF KANSAS STATE CORPORATION COMMISSION

15-015-30089-0000 Form CP-4

ive All Information Completely fake Required Affidavit fail or Deliver Report to:	WELL PLUGGING RECORD					
Conservation Division State Corporation Commission						
212 No. Market Wichita, Kansas	Butler		Count	y. Sec. 11	Twp. 26 Rge	4 (E)(*)
NORTH	Location as "N	E/CNW#SW#"	or footage fro	m lines	11/2 SU/4	NW-NW-SW
	Lease Owner W.F. Braden & Son					
	Lease Name _		ephenson_		.,	_ Well No. 1
!ii	Office Address 215 S. Star El Dorado, Kansas Character of Well (completed as Oil, Cas or Dry Hole) oil well					
						oil well
i		pleted plugging filed_		<u>10-6-66</u> 8-10-67		19
		plugging mea.		8-11-67		19
l i l i	1	nenced		9-11-67		19
1	1	leted		9-14-67		19
	1	ndonment of we			deplete	19
×			a or producin	g rotti adou	2054000	
	If a producing	well is abandor	ed, date of la	st production		19
<u> </u>	Was permissio	n obtained from	the Conserv	ation Division	or its agents he	fore plugging was com-
Locate well correctly on above Section Plat	menced?y	es				tore brogging was com-
lame of Conservation Agent who super			erman Jus	tice		
roducing formation					Total Depth of	Well 1980 Feet
how depth and thickness of all water,						
OIL, CAS OR WATER RECORD	s					CASING RECORD
			 	1		CASING RECORD
FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				711	18031	1501
				5-311	1980'	1820
			 	ļ		
			 			
			+			
		 	-			
			 	 		
	1.1.1			1	_1	
Describe in detail the manner in	which the well was	plugged, indicat	ing where the	mud fluid was	placed and the	method or methods used
n introducing it into the hole. If cem	ent or other plugs w	ere used, state t	he character o	of same and de	oth placed, from	feet to
feet for each plug se	t.					
Fill hold	e with sand f	rom 19801	to 1960'	and dumo	5 sacks of	cement
	O MILEN DAME		10 1100	GITO GGIIG		-
Set 151	rock bridge f	rom 200' t	o 185° ar	nd dump 5	cubic yard	s of
	x concrete					
Mud hole	to 30' and d	lump 1 cubi	c yards o	of ready m	nix concret	е
		· · · · · · · · · · · · · · · · · · ·		-		,***v-
				** *		
						3-25
				SI	P 25 1967	
					- 14 (0) 4 (g)	
				<u> </u>	1311 No	Si OS
					<u> </u>	
		1				
	(If additions	al description is nec	ettery nee BACT	C of this shows		
Name of Plugging Contractor	Flint Enginee	ering and C	onst. Co	e of thus sheet)		
	2375 W. Centr					
Vanana Vanana		D.	ıtler			
STATE OF Kansas	, CO	UNTY OF	10101		, SS.	

....(employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help the God. (Signature).

SUBSCRIBED AND SWORN TO before me this 21	Sept.	(Address)
	Ronald	R. Hamon
ommission expires Sept. 27, 1967	•	Notary Public.

Sept. 27, 1967 My commission expires____

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: BENJAMIN M. GILES			License Number: 5446			
Operator Address: 346 S. LULU		WICHITA KS 67211				
Contact Person: BEN GILES			Phone Number: 316-265-1992			
Lease Name & Well No.: ABLAH 1A SWD			Pit Location (QQQQ):			
Type of Pit:	Pit is:		<u>NW _ NW _ SW</u>			
Emergency Pit Burn Pit	X Proposed Existing		Sec. 11 Twp. 26 R. 4 🔀 East 🗌 West			
Settling Pit X Drilling Pit	If Existing, date constructed:		2,310 Feet from North / South Line of Section			
Workover Pit Haul-Off Pit	Pit capacity:					
(If WP Supply API No. or Year Drilled)	200	(bbls)	BUTLER County			
Is the pit located in a Sensitive Ground Water A	rea? Yes 🔀	No	Chloride concentration: mg/l			
Is the bottom below ground level?	Artificial Liner?		(For Emergency Pits and Settling Pits only) How is the pit lined if a plastic liner is not used?			
⊠ Yes	Yes X	No	DIRT			
Pit dimensions (all but working pits):	Length (fee	et)120	Width (feet) N/A: Steel Pits			
Depth fro	m ground level to dea	epest point:	8 (feet) No Pit			
If the pit is lined give a brief description of the limaterial, thickness and installation procedure.	ner		dures for periodic maintenance and determining ncluding any special monitoring.			
material, middless and instantion procedure.		inici integrity, ii	A CEIVED			
			AUG 1 0 2012 KCC WICHITA			
			KCC WICHITA			
Distance to nearest water well within one-mile of pit:		Depth to shallo Source of infor	west fresh water <u>150 & </u> feet.			
1100feet Depth of water well140 i45		measured	well owner electric log X KDWR			
Emergency, Settling and Burn Pits ONLY:		Drilling, Workover and Haul-Off Pits ONLY:				
Producing Formation:		Type of material utilized in drilling/workover:DRILLING MUD				
Number of producing wells on lease:		Number of working pits to be utilized: 2				
Barrels of fluid produced daily:		Abandonment	procedure: LET PITS DRY OUT, FILL IN WITH DIRT			
Does the slope from the tank battery allow all slow into the pit? Yes No	pilled fluids to	Drill pits must be closed within 365 days of spud date.				
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.						
Ray On On						
08/10/2012			gnature of Applicant or Agent			
KCC OFFICE USE ONLY Liner Steel Pit RFAC RF						
Date Received: 8-16-12 Permit Numl	per:	Permi	it Date: 9-7-/2 Lease Inspection: Yes No			

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner

August 15, 2012

Benjamin M. Giles 346 S. Lulu Wichita, KS 67211

RE: Table I Exception

Ablah 1A SWD, NW-NW-SWSec.33-T34S-R3E, Butler County, Kansas

Dear Mr. Giles:

The Kansas Corporation Commission (KCC) has received your request, dated August 10, 2012, for an exception to the Table 1 minimum surface pipe requirement of 200 feet for the proposed well. From your request, the KCC understands that your are to utilize the existing 149 feet of surface casing in this well bore and Alternate II cementing rules.

After review of this matter by technical staff it was determined that:

- 1. Bedrock at this location is the Permian Chase Group and is located at or near surface.
- 2. The depth of the deepest water well of record within one mile of the proposed location is 145 feet.

Based on this information, an exception is granted for the Table 1 Minimum Surface Casing Requirements with the following stipulations:

- Upon completion of the well, the production or long string casing nearest the formation wall shall be immediately cemented from a depth of at least 250 feet back to the surface. Notify the KCC District #2 office prior to spudding the well and one day before cementing the longstring so they may have the opportunity to witness the procedure.
- In the event the well is dry and no additional production pipe has been cemented inplace, plugging will be performed according to KCC rules and KCC District #2 requirements.

Sincerely Yours,

ົ່Doug Louis Director

cc: Steve Bond 58

Jeff Klock - Dist #2 Vokvia e-mail

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner

September 7, 2012

Benjamin M. Giles 346 S Lulu Wichita, KS 67211

Re: Drilling Pit Application

Ablah Lease Well No. 1A SWD

SW/4 Sec. 11-26S-04E Butler County, Kansas

Dear Sir or Madam:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed <u>without slots</u>, the bottom shall be flat and reasonably level, and **all pits must be lined with bentonite**. The free fluids must be removed. The fluids are to be removed from the reserve pit after drilling operations have ceased.

If production casing is set all completion fluids shall be removed from the working pits daily. <u>NO</u> completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (316) 630-4000 when the fluids have been removed. Please file form CDP-5 (August 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: www.kcc.state.ks.us/conservation/forms.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill. If you have any questions or concerns please feel free to contact the undersigned at the above address.

Sincerely,

Kathy Haynes

Environmental Protection and Remediation Department

cc: File

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner

NOTICE TO OPERATORS FILING INTENT TO DRILL FOR DISPOSAL OR ENHANCED RECOVERY INJECTION WELLS, (CLASS II INJECTION WELL)

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in **K.A.R. 82-3-400 et seq** of our regulations. Associated regulations governing drilling, completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.